



San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Floor, San Bernardino, CA 92410

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www.sanbag.ca.gov



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- San Bernardino County Transportation Commission •San Bernardino County Transportation Authority
 - San Bernardino County Congestion Management Agency •Service Authority for Freeway Emergencies
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AGENDA

Major Projects Committee

June 11, 2009

9:00 a.m.

Location:

SANBAG Offices

The Super Chief Room

1170 W. 3rd Street, 2nd Floor

San Bernardino, CA 92410

Major Projects Committee Membership

Chair

John Pomierski, Mayor
City of Upland

Gary Ovitt, Supervisor
County of San Bernardino

Rhodes "Dusty" Rigsby,
Mayor Pro Tem
City of Loma Linda

Vice-Chair

Bea Cortes, Council Member
City of Grand Terrace

Dennis Yates, Mayor
City of Chino

Paul M. Eaton, Mayor
City of Montclair

Ed Scott, Council Member
City of Rialto

Gwenn Norton-Perry, Council Member
City of Chino Hills

Alan Wapner, Council Member
City of Ontario

Paul Biane, Supervisor
County of San Bernardino

Kelly Chastain, Mayor
City of Colton

Diane Williams, Council Member
City of Rancho Cucamonga

Neil Derry, Supervisor
County of San Bernardino

Mark Nuaimi, Mayor
City of Fontana

Pat Gilbreath, Mayor Pro Tem
City of Redlands

Josie Gonzales, Supervisor
County of San Bernardino

Larry McCallon, Council Member
City of Highland

Pat Morris, Mayor
City of San Bernardino

Richard Riddell, Mayor
City of Yucaipa

San Bernardino Associated Governments (SANBAG) is a council of governments formed in 1973 by joint powers agreement of the cities and the County of San Bernardino. SANBAG is governed by a Board of Directors consisting of a mayor or designated council member from each of the twenty-four cities in San Bernardino County and the five members of the San Bernardino County Board of Supervisors.

In addition to SANBAG, the composition of the SANBAG Board of Directors also serves as the governing board for several separate legal entities listed below:

The San Bernardino County Transportation Commission, which is responsible for short and long range transportation planning within San Bernardino County, including coordination and approval of all public mass transit service, approval of all capital development projects for public transit and highway projects, and determination of staging and scheduling of construction relative to all transportation improvement projects in the Transportation Improvement Program.

The San Bernardino County Transportation Authority, which is responsible for administration of the voter-approved half-cent transportation transactions and use tax levied in the County of San Bernardino.

The Service Authority for Freeway Emergencies, which is responsible for the administration and operation of a motorist aid system of call boxes on State freeways and highways within San Bernardino County.

The Congestion Management Agency, which analyzes the performance level of the regional transportation system in a manner which ensures consideration of the impacts from new development and promotes air quality through implementation of strategies in the adopted air quality plans.

As a Subregional Planning Agency, SANBAG represents the San Bernardino County subregion and assists the Southern California Association of Governments in carrying out its functions as the metropolitan planning organization. SANBAG performs studies and develops consensus relative to regional growth forecasts, regional transportation plans, and mobile source components of the air quality plans.

Items which appear on the monthly Board of Directors agenda are subjects of one or more of the listed legal authorities. For ease of understanding and timeliness, the agenda items for all of these entities are consolidated on one agenda. Documents contained in the agenda package are clearly marked with the appropriate legal entity.

San Bernardino Associated Governments
County Transportation Commission
County Transportation Authority
Service Authority for Freeway Emergencies
County Congestion Management Agency

Major Projects Committee

**June 11, 2009
9:00 a.m.**

**LOCATION:
Santa Fe Depot
*The Super Chief Room***

1170 W. 3rd Street, 2nd Floor, San Bernardino

CALL TO ORDER – 9:00 a.m.
(Meeting chaired by Mayor John Pomierski.)

- I. Attendance
- II. Announcements
- III. Agenda Notices/Modifications – Nessa Williams

1. Possible Conflict of Interest Issues for the SANBAG Major Projects Meeting of June 11, 2009 Pg. 9

Note agenda item contractors, subcontractors and agents which may require member abstentions due to conflict of interest and financial interests. Member abstentions shall be stated and recorded on the appropriate item in the minutes summary for each month.

Consent Calendar

Consent Calendar items shall be adopted by a single vote unless removed by Board member request. Items pulled from the consent calendar will be brought up at the end of the agenda.

2. Major Projects Attendance Roster Pg. 13

A quorum shall consist of a majority of the membership of each SANBAG Policy Committee, except that all County Representatives shall be counted as one for the purpose of establishing a quorum.

Notes/Action

Consent Calendar Cont...

3. **Construction Change Orders to on-going SANBAG Construction Contracts with Atkinson Contractors, LP, Diversified Services, Inc., United Fire & Casualty Co., Skanska USA Civil West California District, Inc., and Riverside Construction Co.** Pg. 17

Review and ratify change orders. **Garry Cohoe**

Discussion Calendar

4. **New Elections for Chair and Vice Chair of the Major Projects Committee** Pg. 35

Conduct Elections. **John Pomierski**

5. **Appointment of Garry Cohoe, Registered Civil Engineer, to serve as SANBAG's Agency Engineer as required for federal funding applications** Pg. 36

Appoint Garry Cohoe, Registered Civil Engineer, to serve as SANBAG's Agency Engineer for purposes related to the requirement of federal funding applications. **Garry Cohoe**

6. **Local Stimulus Program** Pg. 37

Approve a Local Stimulus Program that distributes \$31.4 million to the County and the cities as outlined in the Recommended Funding Option below and further defined in Exhibit A and B. **Duane Baker**

7. **Approve appraisals and authorize offers for properties necessary for the Hunts Lane and Union Pacific Railroad Company (UPRR) Grade Separation Project** Pg. 60

1. Approve appraisals of 5 parcels required for the railroad grade separation project (Project) at Hunts Lane and Union Pacific Railroad Company (UPRR) in the Cities of San Bernardino and Colton.

2. Authorize proceeding with the acquisition of 5 parcels for an estimated value of \$1,800,000.

Garry Cohoe

8. **Amendment No. 1 to Contract No. 06-044 with Ninyo and Moore for Materials Testing Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino** Pg. 63

Approve Amendment No. 1 to Contract No. 06-044 with Ninyo and Moore for Materials Testing Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino for an additional \$3,882,666.56 to increase the total contract value to \$4,350,166.56. **Garry Cohoe**

9. **Amendment No. 1 to Contract No. 06-045 with David Evans and Associates, Inc. for Construction Surveying Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino** Pg. 77

Approve Amendment No. 1 to Contract No. 06-045 with David Evans and Associates, Inc. for Construction Surveying Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino for an additional \$5,392,784.44 to increase the total contract value to \$6,694,503.44.
Garry Cohoe

10. **Cooperative Agreement No. C09-216 with the City of San Bernardino for reimbursement of sewer relocation design work for Interstate 215 Segments 1, 2 and 5 in the City of San Bernardino** Pg. 98

Approve Cooperative Agreement No. C09-216 with the City of San Bernardino for reimbursement of sewer relocation design work for Interstate 215 Segments 1, 2, and 5 in the City of San Bernardino.
Garry Cohoe

11. **Amendment No. 6 to Contract No. A02-009 with AECOM for preparation of plans, specifications, and estimate for Interstate 215 Segments 1 and 2 in the City of San Bernardino** Pg. 103

Approve Amendment No. 6 to Contract No. A02-009 with AECOM to include the preparation of plans, specifications, and estimates for the relocation of City of San Bernardino sewer facilities for the Interstate 215 project Segments 1 and 2 in the amount of \$214,150, and to extend the Period of Performance to July 31, 2009. **Garry Cohoe**

12. **Amendment No. 5 to Contract 04-008 with AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) for Construction Management Support services for I-215 Segment 5 in the City of San Bernardino** Pg. 111

Approve Amendment No. 5 to Contract 04-008 with AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) increasing the contract amount by \$220,000 for a new total of \$5,281,673.30 and extend the period of performance to December 31, 2015. **Garry Cohoe**

13. **Amendment No. 5 to Contract No. 03-013 with Lim and Nascimento Engineering Corporation (LAN) for construction management services for SR 210, Segments 9-11 and I-10 East Projects** Pg. 118

Approve Amendment No. 5 to Contract No. 03-013 with Lim and Nascimento Engineering Corporation (LAN) increasing the contract total amount from \$27,959,179 to \$28,149,189 and to extend the period of performance to June 30, 2010. **Garry Cohoe**

14. **Request for Qualifications (RFQ) No. 09-203 for Interstate-10 Westbound Widening Construction Management** Pg. 125

Authorize staff to release Request for Qualifications (RFQ) No. 09-203 for Interstate-10 Westbound Widening Construction Management.
Garry Cohoe

15. **Additional Items from Committee Members**

16. **Brief Comments by General Public**

17. **Director's Comments**

18. **Acronym Listing** Pg. 139

CLOSED SESSION

Conference with Legal Counsel – Existing Litigation (Government Code section 54956.9(a))
United Fire & Casualty Co. v. Manuel I. Blanco et al. Case No. RIC 512397

ADJOURNMENT

The next Major Projects Committee Meeting is July 9, 2009.

Meeting Procedures and Rules of Conduct

Meeting Procedures

The Ralph M. Brown Act is the state law which guarantees the public's right to attend and participate in meetings of local legislative bodies. These rules have been adopted by the Board of Directors in accordance with the Brown Act, Government Code 54950 et seq., and shall apply at all meetings of the Board of Directors and Policy Committees.

Accessibility

The SANBAG meeting facility is accessible to persons with disabilities. If assistive listening devices or other auxiliary aids or services are needed in order to participate in the public meeting, requests should be made through the Clerk of the Board at least three (3) business days prior to the Board meeting. The Clerk's telephone number is (909) 884-8276 and office is located at 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA.

Agendas – All agendas are posted at 1170 W. 3rd Street, 2nd Floor, San Bernardino at least 72 hours in advance of the meeting. Staff reports related to agenda items may be reviewed at the SANBAG offices located at 1170 W. 3rd Street, 2nd Floor, San Bernardino and our website: www.sanbag.ca.gov.

Agenda Actions – Items listed on both the "Consent Calendar" and "Items for Discussion" contain suggested actions. The Board of Directors will generally consider items in the order listed on the agenda. However, items may be considered in any order. New agenda items can be added and action taken by two-thirds vote of the Board of Directors.

Closed Session Agenda Items – Consideration of closed session items *excludes* members of the public. These items include issues related to personnel, pending litigation, labor negotiations and real estate negotiations. Prior to each closed session, the Chair will announce the subject matter of the closed session. If action is taken in closed session, the Chair may report the action to the public at the conclusion of the closed session.

Public Testimony on an Item – Members of the public are afforded an opportunity to speak on any listed item. Individuals wishing to address the Board of Directors or Policy Committee Members should complete a "Request to Speak" form, provided at the rear of the meeting room, and present it to the Clerk prior to the Board's consideration of the item. A "Request to Speak" form must be completed for *each* item an individual wishes to speak on. When recognized by the Chair, speakers should be prepared to step forward and announce their name and address for the record. In the interest of facilitating the business of the Board, speakers are limited to three (3) minutes on each item. Additionally, a twelve (12) minute limitation is established for the total amount of time any one individual may address the Board at any one meeting. The Chair or a majority of the Board may establish a different time limit as appropriate, and parties to agenda items shall not be subject to the time limitations.

The Consent Calendar is considered a single item, thus the three (3) minute rule applies. Consent Calendar items can be pulled at Board member request and will be brought up individually at the specified time in the agenda allowing further public comment on those items.

Agenda Times – The Board is concerned that discussion take place in a timely and efficient manner. Agendas may be prepared with estimated times for categorical areas and certain topics to be discussed. These times may vary according to the length of presentation and amount of resulting discussion on agenda items.

Public Comment – At the end of the agenda, an opportunity is also provided for members of the public to speak on any subject within the Board's authority. *Matters raised under "Public Comment" may not be acted upon at that meeting. "Public Testimony on any Item" still apply.*

Disruptive Conduct – If any meeting of the Board is willfully disrupted by a person or by a group of persons so as to render the orderly conduct of the meeting impossible, the Chair may recess the meeting or order the person, group or groups of person willfully disrupting the meeting to leave the meeting or to be removed from the meeting. Disruptive conduct includes addressing the Board without first being recognized, not addressing the subject before the Board, repetitiously addressing the same subject, failing to relinquish the podium when requested to do so, or otherwise preventing the Board from conducting its meeting in an orderly manner. *Please be aware that a NO SMOKING policy has been established for meetings. Your cooperation is appreciated!*

**SANBAG General Practices for Conducting Meetings
of
Board of Directors and Policy Committees**

Basic Agenda Item Discussion.

- The Chair announces the agenda item number and states the subject.
- The Chair calls upon the appropriate staff member or Board Member to report on the item.
- The Chair asks members of the Board/Committee if they have any questions or comments on the item. General discussion ensues.
- The Chair calls for public comment based on “Request to Speak” forms which may be submitted.
- Following public comment, the Chair announces that public comment is closed and asks if there is any further discussion by members of the Board/Committee.
- The Chair calls for a motion from members of the Board/Committee.
- Upon a motion, the Chair announces the name of the member who makes the motion. Motions require a second by a member of the Board/Committee. Upon a second, the Chair announces the name of the Member who made the second, and the vote is taken.

The Vote as specified in the SANBAG Bylaws.

- Each member of the Board of Directors shall have one vote. In the absence of the official representative, the alternate shall be entitled to vote. (Board of Directors only.)
- Voting may be either by voice or roll call vote. A roll call vote shall be conducted upon the demand of five official representatives present, or at the discretion of the presiding officer.

Amendment or Substitute Motion.

- Occasionally a Board Member offers a substitute motion before the vote on a previous motion. In instances where there is a motion and a second, the maker of the original motion is asked if he would like to amend his motion to include the substitution or withdraw the motion on the floor. If the maker of the original motion does not want to amend or withdraw, the substitute motion is not addressed until after a vote on the first motion.
- Occasionally, a motion dies for lack of a second.

Call for the Question.

- At times, a member of the Board/Committee may “Call for the Question.”
- Upon a “Call for the Question,” the Chair may order that the debate stop or may allow for limited further comment to provide clarity on the proceedings.
- Alternatively and at the Chair’s discretion, the Chair may call for a vote of the Board/Committee to determine whether or not debate is stopped.
- The Chair re-states the motion before the Board/Committee and calls for the vote on the item.

The Chair.

- At all times, meetings are conducted in accordance with the Chair’s direction.
- These general practices provide guidelines for orderly conduct.
- From time-to-time circumstances require deviation from general practice.
- Deviation from general practice is at the discretion of the Board/Committee Chair.

Courtesy and Decorum.

- These general practices provide for business of the Board/Committee to be conducted efficiently, fairly and with full participation.
- It is the responsibility of the Chair and Members to maintain common courtesy and decorum.

Adopted By SANBAG Board of Directors January 2008

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
 ■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM 1

Date: June 11, 2009

Subject: Information Relative to Possible Conflict of Interest

Recommendation*: Note agenda items and contractors/subcontractors, which may require member abstentions due to possible conflicts of interest.

Background: In accordance with California Government Code 84308, members of the SANBAG Board may not participate in any action concerning a contract where they have received a campaign contribution of more than \$250 in the prior twelve months from an entity or individual, except for the initial award of a competitively bid public works contract. This agenda contains recommendations for action relative to the following contractors:

Item No.	Contract No.	Principals & Agents	Subcontractors
3-A	06-001	Atkinson Contractors, LP Scott Lyon Kent Reiman	West Coast Demo Penhall Moore Electric CGO Construction United Steel Placers Superior Gunitite ACL Reycon

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved:

Second:

In Favor:

Opposed:

Abstained:

Witnessed: _____

Item No.	Contract No.	Principals & Agents	Subcontractors
3-A (Cont.)	06-001	Atkinson Contractors <i>Scott Lyon</i> <i>Kent Reiman</i>	Diversified Landscape Modern Alloys Statewide Safety Sudhakar Anderson Drilling DSI Ulmer Industries CTM Ortiz Asphalt Paving Alcorn Fence
3-B	06-064	Diversified Services, Inc. <i>Paul Morales</i>	Ace Fence Reycon T.E. Roberts
3-C	06-065	United Fire & Casualty Co. <i>Richard Tropp</i> (Diversified Services, Inc.) <i>Paul Morales</i>	None
3-D	07-095	Atkinson Contractors, LP <i>Scott Lyon</i> <i>Kent Reiman</i>	Sudhakar Diversified Landscape Statewide Safety and Signs Alcorn Fence Coral Construction West Coast Welding DSI Integrity Rebar CTM Construction Penhall VT Electric Ortiz Asphalt

Item No.	Contract No.	Principals & Agents	Subcontractors
3-E	C07110	Skanska USA Civil West District, Inc. <i>Alex Medyn</i> <i>Mark Hegbloom</i>	Alcorn Fence Co. Avar Construction Systems, Inc. Century Sweeping Crane Rental Service Drilltech Foundation Pile Inc. High Light Electric Marina Landscape Inc. Regional Steel Corp. RMD Sudhakar Company
3-F	C07174	Riverside Construction Co. <i>Dan Ennis</i>	A.C. Dike Alcorn Fence Co. American Steel Placer Avar Construction CTM Construction Foundation Pile Inc. Harber Companies High Light Electric Matich Corp. Pavement Recycling Sudhakar Company Ulmer Industries
8	06-044-01	Ninyo and Moore <i>Jalal Vakili</i>	CHI
9	06-045-01	David Evans and Associates, Inc. <i>Bernie McNally</i>	None

Item No.	Contract No.	Principals & Agents	Subcontractors
11	02-009-06	AECOM USA, Inc. <i>Mario Montes</i>	SAFE-R-DIG Earth Mechanics, Inc. Kleinfelder LIN Consulting LSA LAN Engineering STB Landscaping Associated Engineers
12	04-008-05	AECOM USA, Inc. <i>Mario Montes</i>	SAFE-R-DIG Earth Mechanics, Inc. Kantex LIN Consulting LSA LAN Engineering STB Landscaping Associated Engineers TRC Engineering
13	C03013-05	Lim and Nascimento Engineering Corporation (LAN) <i>Peter Lim</i>	Caltrop Jacobs S2 Engineering

Financial Impact: This item has no direct impact on the SANBAG budget.

Reviewed By: This item is prepared monthly for review by SANBAG Board and Committee members.

AGENDA ITEM 2
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2009

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Paul Eaton City of Montclair	X	X			X							
John Pomierski City of Upland	X	X	X	X	X							
Paul Biane Board of Supervisors	X		X	X	X							
Kelly Chastain City of Colton	X	X	X	X	X							
Rhodes "Dusty" Rigsby City of Loma Linda	X	X	X		X							
Bea Cortes City of Grand Terrace	X	X		X	X							
Pat Gilbreath City of Redlands	X	X	X	X	X							
Josie Gonzales Board of Supervisors			X									
Neil Derry Board of Supervisors		X	X	X	X							
Larry McCallon City of Highland	X	X		X	X							
Patrick Morris City of San Bernardino	X	X	X	X	X							
Gwenn Norton-Perry City of Chino Hills			X									
Mark Nuaimi City of Fontana	X	X	X	X	X							
Gary Ovitt Board of Supervisors					X							

X = Member attended meeting.
mpccatt2009.doc

Empty box = Member did not attend meeting

Shaded box = Not a member at the time.

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AGENDA ITEM 2
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2009

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Dick Riddell City of Yucaipa	X	X	X	X	X							
Ed Scott City of Rialto	X	X		X	X							
Alan Wapner City of Ontario	X	X	X	X	X							
Diane Williams City of Rancho Cucamonga	X	X	X	X	X							
Dennis Yates City of Chino	X	X		X								

X = Member attended meeting.
mpcatt2009.doc

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AGENDA ITEM 2
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2008

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Paul Eaton City of Montclair	X	X		X	X		X	X		X	X	X
John Pomierski City of Upland	X	X	X	X	X	X		X	X	X	X	X
Paul Biane Board of Supervisors	X	X	X		X	X						
Kelly Chastain City of Colton	X	X	X	X	X		X	X	X	X	X	X
Robert Christman City of Loma Linda	X	X	X	X	X	X						
Rhodes "Dusty" Riggsby City of Loma Linda							X	X	X	X	X	X
Bea Cortes City of Grand Terrace	X	X	X	X	X	X		X	X	X	X	X
Pat Gilbreath City of Redlands	X	X		X	X	X	X	X		X	X	X
Josie Gonzales Board of Supervisors	X		X	X		X	X			X	X	X
Dennis Hansberger Board of Supervisors		X	X	X		X	X		X	X	X	
Neil Derry Board of Supervisors												
Larry McCallon City of Highland		X	X		X		X		X	X		X
Patrick Morris City of San Bernardino		X	X	X	X	X		X		X	X	X
Gwenn Norton-Perry City of Chino Hills				X								X

X = Member attended meeting. * = Alternate member attended meeting. Empty box = Member did not attend meeting. Shaded box = Not a member at the time.
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AGENDA ITEM 2
MAJOR PROJECTS POLICY COMMITTEE ATTENDANCE RECORD – 2008

Name	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Mark Nuaimi City of Fontana	X	X	X	X	X	X	X	X	X	X	X	X
Gary Ovitt Board of Supervisors				X	X		X		X			X
Dick Riddell City of Yucaipa	X	X	X	X	X	X	X	X		X	X	X
Grace Vargas City of Rialto	X				X	X	X	X		X	X	X
Paul Leon City of Ontario	X	X		X	X	X	X	X	X	X	X	X
Diane Williams City of Rancho Cucamonga	X		X	X	X	X	X	X	X	X	X	X
Dennis Yates City of Chino	X	X	X			X	X	X	X	X	X	X

X = Member attended meeting.
mpcatt08.doc

* = Alternate member attended meeting.

Empty box = Member did not attend meeting

Shaded box = Not a member at the time.

Minute Action

AGENDA ITEM: 3

Date: June 11, 2009

Subject: Construction Change Orders to on-going SANBAG Construction Contracts with Atkinson Contractors, LP, Diversified Services, Inc., United Fire & Casualty Co., Skanska USA Civil West California District, Inc., and Riverside Construction Co.

Recommendation:* Review and ratify change orders.

Background: Of SANBAG's twelve on-going construction contracts, six of the contracts have had construction change orders (CCO's) approved since the last Major Projects Committee meeting. The CCO's are listed below:

- A. CN 06-001 with Atkinson Contractors, LP for construction of the I-10 Median Mixed-Flow Lane project: CCO No. 51 (\$37,206.88 decrease to provide an adjustment of compensation for overrunning the bid item cost for "Place Asphalt Concrete (Miscellaneous Area)" by more than 25% of the Engineer's Estimated quantity).
- B. CN 06-064 with Diversified Services, Inc. for construction of the SR-210 Segment 3 Landscaping project: CCO No. 8, Supplement 2 (\$6,750.73 increase for costs incurred to perform diagnostic services on a booster pump, and to install two 50mm flow sensors into an existing backflow assembly); CCO No. 22 (\$16,664.00 increase to extend the contract time for the plant establishment period, and to compensate the contractor for additional water billings).

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

- C. CN 06-065 with United Fire & Casualty Company (Diversified Landscape Co.) for construction of the SR-210 Segment 4 Landscaping project: CCO No. 15 (\$948.56 increase to replace an existing 25mm remote control valve with a 50 mm remote control valve).
- D. CN 07-095 with Atkinson Contractors, LP for construction of the I-215 5th Street Overcrossing: CCO No. 14, Supplement 1 (\$5,828.71 increase to provide an adjustment of compensation for the fluctuation in the price of Asphalt Concrete, in accordance with the requirements listed in Section 5-1.24, "Compensation Adjustments for Price Index Fluctuations", of the Contract Special Provisions).
- E. CN C07110 with Skanska USA Civil West California District, Inc. for construction of the State Street/University Parkway Grade Separation project: CCO No. 3, Supplement 1 (\$1,680.06 to provide additional funds required to remove abandoned septic tank facilities); CCO No. 7, Supplement 1 (\$7,247.82 increase to provide additional funds for removing and installing iron fence and concrete mow strips for sliding gates at additional residences); CCO No. 8, Supplement 2 (\$3,669.94 increase to provide additional funds for removing the existing asphalt concrete installed by the Hillwood Companies); CCO No. 18, Supplement 1 (\$9,772.68 increase to provide additional funds for constructing the concrete lined channel at the Bent 2 columns of the State Street/University Parkway bridge); and CCO No. 21, Supplement 1 (\$5,632.16 increase to provide additional funds for constructing the additional pavement and final striping along the left side of Cajon Boulevard).
- F. CN C07174 with Riverside Construction Co. for construction of the I-10 Live Oak Canyon Road bridge project: CCO No. 25 (\$75,000.00 increase to remove pavement and dike, add metal beam guard railing, modify an asphalt concrete dike, provide additional striping, modify and replace roadside signs, and provide additional traffic control); and CCO No. 26 (\$5,000.00 increase to replace existing dilapidated wood roadside sign posts for roadside signs).

Financial Impact: This item imposes no financial impact, as all CCOs are within previously approved contingency amounts. TN 82409000, TN 83809000, TN 84309000, TN 86009000 and TN 87109000.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

I-10 Median Mixed-Flow Lane Addition
Contract No. 06-001

(Updated: 5/19/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO	CONTRACTOR FROM	CT TO	CT FROM	SANBAG Approval TO	SANBAG Approval FROM	DATE APPROVED	STATUS/REMARKS
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>>																
1	CONTROL ...	EWFA	0	\$35,000.00		\$35,000.00	\$3,619,846.00		11/09/05	11/10/05	11/28/05	11/10/05	12/02/05	12/07/05	01/18/06	Contract Bill Amount >>> \$41,698,588.70 Approved & Implemented
181	RESTRIPE I-10 EB (1-FT SHIFT) - MAINTAIN ROADWAY/TRAFFIC	EWLS	0	\$35,000.00	0.08%	\$35,000.00	\$3,584,846.00		08/28/06	08/28/06	10/17/06	08/28/06	11/27/06	10/19/06	12/11/06	Approved & Implemented
182	ADDITIONAL FUNDS (CCO #1)	EWFA	0	\$25,000.00	0.08%	\$25,000.00	\$3,551,246.00		02/01/07	02/01/07	02/08/07	02/01/07	02/13/07	02/08/07	02/14/07	Approved & Implemented
2	TRAINING	ACUP	0	\$8,800.00	0.06%	\$8,800.00	\$3,526,246.00		11/09/05	11/10/05	12/29/05	11/10/05	12/02/05	12/07/05	01/18/06	Approved & Implemented
3	MAINTAIN EXISTING ELECTRICAL SYSTEMS	FIVEA	0	\$10,000.00	0.02%	\$10,000.00	\$3,517,446.00		11/09/05	11/10/05	11/28/05	11/10/05	12/02/05	12/07/05	01/18/06	Approved & Implemented
381	ADDITIONAL FUNDS	EWFA	0	\$20,000.00	0.02%	\$20,000.00	\$3,507,446.00		05/18/06	05/23/06	05/19/06	05/19/06	05/15/06	05/18/06	05/23/06	Approved & Implemented
382	ADDITIONAL FUNDS	EWFA	0	\$20,000.00	0.05%	\$20,000.00	\$3,487,446.00		04/29/08	05/08/08	04/29/08	04/29/08	05/07/08	04/29/08	05/07/08	Approved & Implemented
4	MAINTAIN EXISTING IRRIGATION SYSTEMS	EWFA	0	\$30,000.00	0.05%	\$30,000.00	\$3,457,446.00		11/09/05	11/10/05	11/28/05	11/10/05	12/02/05	12/07/05	01/18/06	Approved & Implemented
4-S1	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.07%	\$30,000.00	\$3,427,446.00		05/19/06	05/23/06	05/19/06	05/19/06	05/30/06	05/18/06	05/23/06	Approved & Implemented
4-S2	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.07%	\$30,000.00	\$3,407,446.00		06/13/07	n/a	06/13/07	06/13/07	05/30/06	09/13/07	09/18/07	Approved & Implemented
4-S3	ADDITIONAL FUNDS	EWFA		\$55,000.00	0.13%	\$55,000.00	\$3,352,446.00		04/28/08	05/08/08	04/28/08	04/28/08	04/28/08	04/28/08	05/07/08	approved &
5	GRAFFITI REMOVAL	EWFA	0	\$10,000.00		\$10,000.00	\$3,252,446.00		11/09/05	11/10/05	11/28/05	11/10/05	12/02/05	12/07/05	01/18/06	Approved & Implemented
6	REVISED CL PROFILE	EWFA	0	\$10,000.00	0.02%	\$10,000.00	\$3,242,446.00		02/13/06	02/13/06	02/13/06	02/13/06	02/20/06	03/01/06	04/04/06	Approved & Implemented
7	ADDITIONAL ABESTOS ABATEMENT (8 BRIDGES)	EWFA	0	\$12,000.00	0.03%	\$12,000.00	\$3,232,446.00		11/21/05	11/21/05	11/21/05	11/21/05	12/01/05	02/16/06	03/01/06	Approved & Implemented
8	ENCROACHMENT PERMIT FEE	EWLS	0	\$5,350.00	0.01%	\$5,350.00	\$3,220,446.00		11/20/05	12/02/05	12/02/05	12/02/05	04/04/06	02/16/06	03/01/06	Approved & Implemented
				\$5,350.00	0.01%	\$5,350.00	\$3,215,096.00									

San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

I-10 Median Mixed-Flow Lane Addition
Contract No. 06-001

(Updated: 5/19/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN	CONTRACTOR TO FROM	CT TO FROM	SANBAG Approval TO FROM	DATE APPROVED	STATUS/REMARKS
9	LOW EXPANSION MATERIALS	ACLS	0	-\$55,083.00			Revised >> \$319,657.00 \$ 3,300,189.00	01/06/06	01/06/06	01/10/06	02/16/06 03/01/06	03/01/06	Approved & Implemented
10	SALVAGE BRIDGE RAILING (2000 LF)	ACLS	0	-\$85,093.00 \$7,873.22	-0.20%			09/08/06	09/08/06 10/02/08	09/08/06	10/02/08 10/07/08	10/07/08	Approved & Implemented
11	SALVAGE MBGR (including THREE BEAM) (Closed at NO COST)	ACLS	0	\$7,873.22 \$0.00	0.02%		\$327,530.22 \$ 3,292,315.78		10/07/08				CLOSED at NO COST
12	SWPPP MAINTENANCE SHARING	EWFTA	0	\$0.00	0.00%		\$327,530.22 \$ 3,292,315.78	01/10/06	01/10/06 01/19/06	01/10/06	02/16/06 03/01/06	03/01/06	Approved & Implemented
13	ELECTRICAL CHANGES BY CALTRANS	ACLS		\$33,300.00 \$6,323.10	0.08%		\$340,830.22 \$ 3,299,015.78	10/23/06	10/24/06 01/02/07	01/04/07	01/04/07 01/07/07	01/07/07	Approved & Implemented
14	ADDITIONAL CONCRETE REMOVAL - IDSC	EWLS	0	\$6,323.10 \$7,630.00	0.02%		\$367,153.32 \$ 3,252,692.68	06/23/06	06/23/06 07/06/06	06/23/06	07/07/06 07/14/06	07/14/06	Approved & Implemented
15	ELECTRICAL & WATER METER SERVICE INSTALLATION & PERMIT FEES	ACLS EWLS	0	\$20,336.00 \$10,289.00			\$374,785.32 \$ 3,265,062.68	04/19/06	04/16/06 04/21/06	04/16/06	05/02/06 05/04/06	05/04/06	Approved & Implemented
15S1	INSTALL ADDITIONAL CONDUIT CROSSING FOR IRRIGATION CONTROLLERS	EWUP		\$30,625.00 \$3,624.30	0.07%		\$405,408.32 \$ 3,214,437.68	10/31/06	10/31/06 02/20/07	02/13/07	02/13/07 02/20/07	02/20/07	Approved & Implemented
16	PIER WALL - TEMPORARY BRACING	ACLS	0	\$3,624.30 \$5,316.00	0.01%		\$409,032.62 \$ 3,210,813.38	04/14/06	04/14/06 04/18/06	04/14/06	05/02/06 05/04/06	05/04/06	Approved & Implemented
17	CITRUS ABUT FOOTING	ACLS	0	\$5,316.00 \$9,882.00	0.01%		\$414,348.62 \$ 3,205,497.38	05/11/06	05/11/06 05/18/06	05/11/06	05/19/06 05/23/06	05/23/06	Approved & Implemented
18	ANDERSON DRILLING - DIFFERING SITE CONDITIONS (Closed at NO COST)	ACLS	0	\$9,882.00 \$0.00	0.02%		\$424,230.62 \$ 3,195,615.38						CLOSED at NO COST
19	CHURCH ST UC - FALSEWORK CHANGES (NO COST)	ACLS	0	\$0.00 \$4,000.00	0.00%		\$424,230.62 \$ 3,195,615.38	04/14/06	04/14/06 04/18/06	04/14/06	05/02/06 05/04/06	05/04/06	Approved & Implemented
20	"REVISED" STAGE 3 - TRAFFIC HANDLING PLANS (NO COST Change)	No Cost	0	\$4,000.00 \$0.00	0.01%		\$428,230.62 \$ 3,191,615.38	09/20/06	09/20/06 09/25/06	09/20/06	10/02/06 10/02/06	10/02/06	Approved & Implemented
21	TEMPORARY SUPPORTS DELETION	ACLS	0	-\$25,437.00 -\$25,437.00	0.00%		\$428,230.62 \$ 3,191,615.38	10/20/06	10/20/06 10/31/06	10/31/06	10/31/06 11/09/06	11/09/06	Approved & Implemented
22	SUPPLEMENTAL LANDSCAPE MAINTENANCE (PE)	EWUP	0	\$25,437.00 \$25,830.00	-0.06%		\$402,793.62 \$ 3,171,052.38	06/29/06	07/31/06 08/03/06	08/04/06	08/04/06 10/16/06	10/16/06	Approved & Implemented
				\$25,830.00	0.06%		\$428,623.62 \$ 3,191,222.38	10/09/06	10/09/06 10/10/06	10/10/06	10/16/06 10/24/06	10/24/06	Approved & Implemented

I-10 Median Mixed-Flow Lane Addition
San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/19/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN	CONTRACTOR TO FROM	CT TO FROM	SANBAG Approval TO FROM	DATE APPROVED	STATUS/REMARKS
23		EWFA	0	\$10,000.00				08/10/06	08/21/06	08/10/06	08/22/06	09/14/06	Approved & Implemented
23S1	MISCELLANEOUS STRUCTURAL FIELD CHANGES	EWFA	0	\$15,000.00	0.02%	\$438,623.62	\$ 3,181,272.38	04/17/07	05/01/07	04/22/07	04/24/07	04/27/07	Approved & Implemented
23S2		EWFA	0	\$20,000.00	0.04%	\$453,623.62	\$ 3,166,272.38	11/27/07	11/30/07	11/27/07	11/28/07	11/28/07	Approved & Implemented
24	CHANGE TO #19 REBAR COUPLER FROM #18 REBARS AT CLOSURE POURS	ACLS	Def	\$5,765.23	0.05%	\$473,623.62	\$ 3,146,272.38	10/06/08	10/06/08	10/09/08	10/10/08	10/08/08	Approved & Implemented
25	MISC. PCC PAVING FIELD CHANGES	ITEMS ACLS ACLS EWFA various	0 0 0 0	\$12,500.00 \$5,857.81 \$3,982.46 \$5,000.00 \$2,340.27	0.01%	\$479,328.85	\$ 3,140,517.15	04/23/07	04/23/07	04/23/07	04/24/07	10/16/07	Approved & Implemented
26	CONFINED SPACE ENTRY - LOOKOUT PERSON	EWFA	0	\$10,000.00	0.02%	\$491,669.12	\$ 3,128,176.88	10/23/06	10/24/06	11/06/06	11/09/06	11/16/06	Approved & Implemented
27	SUBSTITUTE 76% min BUTT WELDS WITH MECHANICAL SERVICE SPICES	ACLS	0	\$0.00		\$491,669.12	\$ 3,128,176.88	10/23/06	10/24/06	11/06/06	11/09/06	11/16/06	Approved & Implemented
28	JIT FOR PCC PAVING (60% shared cost excludes mark-ups)	EWFA	0	\$4,500.00	0.00%	\$491,669.12	\$ 3,128,176.88	11/28/06	11/28/06	12/05/06	12/06/06	12/06/06	Approved & Implemented
29	STRUCTURE APPROACH SLAB MISC DETAIL REVISIONS	ACLS	0	\$4,500.00	0.01%	\$496,169.12	\$ 3,123,676.88						CLOSED at NO COST
30	SCE SERVICE FEES	EWFA	0	\$3,000.00	0.00%	\$496,169.12	\$ 3,123,676.88	07/27/07	07/27/07	07/27/07	07/28/07	10/16/07	Approved & Implemented
31	MISC DRAINAGE CHANGES	EWFA	0	\$15,000.00	0.01%	\$499,169.12	\$ 3,120,676.88	05/11/07	05/11/07	06/25/07	06/25/07	07/03/07	Approved & Implemented
32		No Cost	0	\$0.00	0.04%	\$514,169.12	\$ 3,105,676.88	06/11/07	06/29/07	06/11/07	06/13/07	07/03/07	Approved & Implemented
32S1	SOUNDWALL BLOCKS - WEIGHT LIMITATIONS	No Cost	0	\$0.00	0.00%	\$514,169.12	\$ 3,105,676.88	08/23/07	08/24/07	08/23/07	08/23/07	09/04/07	Approved & Implemented
33	BURIED MAN-MADE OBJECTS/AND LOCATING FACILITIES	EWFA	0	\$20,000.00	0.00%	\$514,169.12	\$ 3,105,676.88	06/21/07	06/22/07	06/21/07	06/25/07	07/03/07	Approved & Implemented
				\$20,000.00	0.05%	\$534,169.12	\$ 3,085,676.88						

San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

I-10 Median Mixed-Flow Lane Addition
Contract No. 06-001

(Updated: 5/19/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	COO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN	CONTRACTOR TO FROM	CT TO FROM	SANBAG Approval TO FROM	DATE APPROVED	STATUS/REMARKS
34	ADD DS 36 AND OTHER DRAINAGE CHANGES	ITEM FA	0	\$24,549.00 \$10,000.00 \$34,549.00	0.08%	\$568,718.12	\$ 3,051,127.88	08/07/07	08/07/07 09/18/07	09/13/07 09/13/07	09/18/07 09/18/07	08/18/07	Approved & Implemented
35	SW 158 DEFERRING SITE CONDITION	ACLS		\$124,818.64				04/11/08	04/11/08 04/15/08	04/11/08 04/11/08	04/17/08 04/28/08	04/28/08	In Process
36	REMOVE AND REPLACE D/S	ITEM	0	\$8,825.00	0.3%	\$693,536.76	\$ 2,926,309.24	08/23/07	08/24/07 08/30/07	09/04/07 09/15/07	09/04/07 09/04/07	08/04/07	Approved & Implemented
37	FACILITATE EARLY OPENING OF FREEWAY	ACFA ACLS	0	\$15,000.00 \$4,830.00	0.02%	\$702,361.76	\$ 2,917,484.24	11/02/07	11/02/07 11/02/07	11/02/07 11/02/07	11/05/07 11/07/07	11/07/07	Approved & Implemented
38	MBGR TRANSITION RAILING (TYPE WB) UPGRADE AT BRIDGE RAILING	EWFA	Def	\$19,830.00 \$25,000.00	0.05%	\$722,191.76	\$ 2,897,654.24	11/16/07	11/16/07 01/22/08	01/16/08 01/16/08	01/22/08 01/23/08	01/23/08	Approved & Implemented
38-S1	ADDITIONAL FUNDS	EWFA	0	\$30,000.00	0.05%	\$747,191.76	\$ 2,872,654.24	04/21/08	05/08/08 04/21/08	04/21/08 04/21/08	04/21/08 05/07/08	05/07/08	Approved & Implemented
39	ADDITIONAL JOINT SEAL AND REPAIR	ITEM EWFA	Def	\$30,000.00 \$46,500.00 \$10,000.00	0.07%	\$777,191.76	\$ 2,842,654.24	11/16/08	11/27/07 01/22/08	11/27/07 11/16/07	01/22/08 01/23/08	01/23/08	Approved & Implemented
39-S1	ADDITIONAL JOINT SEAL AND REPAIR	EWFA	Def	\$35,000.00	0.14%	\$833,691.76	\$ 2,786,154.24	05/12/08	05/20/08	05/12/08 05/12/08	05/12/08 05/19/08	05/19/08	Approved & Implemented
40	EXISTING PAVEMENT REPAIR	EWFA	Def	\$35,000.00 \$50,000.00 \$40,000.00	0.05%	\$868,691.76	\$ 2,751,154.24	12/13/07	12/14/07 01/22/08	12/14/08 05/07/08	01/22/08 01/23/08	01/23/08	Approved & Implemented
40 S1	EXISTING PAVEMENT REPAIR (ADDITIONAL FUNDS)	EWFA		\$40,000.00				04/21/08	05/07/08 04/21/08	04/21/08 04/21/08	04/21/08 05/07/08	05/07/08	Approved & Implemented
41	MODIFY EB LANE DROP TAPER	EWFA	Def	\$30,000.00	0.07%	\$988,691.76	\$ 2,631,154.24	01/15/08	01/15/08 01/22/08	01/15/08 01/15/08	01/22/08 01/23/08	01/23/08	
42	ADJUSTMENT OF COMPENSATION FOR IRRIGATION MATERIALS	ACLS	0	\$1,708.62				01/15/08	01/15/08 01/22/08	01/15/08 01/15/08	01/22/08 01/23/08	01/23/08	Approved & Implemented
43	EROSION CONTROL (TYPE D)	ACUP	Def	\$15,598.20 \$15,598.20	0.04%	\$990,401.38	\$ 2,629,444.62	01/15/08	01/15/08 01/22/08	01/15/08 01/15/08	01/22/08 01/23/08	01/23/08	Approved & Implemented
44	ADDITIONAL SIGNS	EWFA		\$65,000.00				01/15/08	01/15/08 01/15/08	01/15/08 06/03/08	01/15/08 01/15/08	01/15/08	Approved & Implemented
44 S-1		No Cost		\$0.00	0.16%	\$1,070,999.58	\$ 2,564,444.62	06/03/08	06/03/08 06/18/08	06/03/08 06/03/08	06/15/08 06/23/08	06/23/08	Approved & Implemented
45	CLOSEOUT OF VARIOUS DEFERRED TIME CCO'S	No Cost	43	\$0.00	0.00%	\$1,070,999.58	\$ 2,613,846.42	01/25/08	01/25/08 01/25/08	01/25/08 01/25/08	01/29/08 02/03/08	02/03/08	Approved & Implemented
				\$0.00	0.00%	\$1,070,999.58	\$ 2,613,846.42						

BA: 08-1A2804, 08-1A2808L
 SANBAG CONT. NO: 06-064
 RTE: 08-58D-210-6.3 / 10.3
 STPL-6053(069)

SR 210 HWY PLANTING Seg 3
 CHANGE ORDER and CONTINGENCY BALANCE LOG

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR TO FROM	SANBAG (Appr.) TO FROM	SANBAG (Time) TO FROM	DATE APPR.	STATUS/REMARKS
*CONTINGENCY BUDGET \$ 495,151.26												
1	CONSTRUCTION AREA SIGNS <i>Approved Copies to:</i>	NCNC	0 \$	\$ -	\$ -	\$ 495,151.26	7/26/2006	7/27/2006	8/31/2006	8/31/2006	8/31/2006	CCO APPROVED
2	IRRIGATION SLEEVE CROSSOVER PIPE SUBSTITUTION <i>Approved Copies to:</i>	NCNC	0 \$	\$ -	\$ -	\$ 495,151.26	11/7/2006	8/31/2006	12/12/2006	12/12/2006	12/12/2006	CCO APPROVED
3	GARDEN WALL VINE HOLES AND BLOCK <i>Approved Copies to:</i>	AUP	0 \$	\$ 6,945.77	\$ 6,945.77	\$ 488,205.49	12/14/2006	12/15/2006	12/19/2006	1/10/2007	1/10/2007	CCO APPROVED Paid Estimate No. 08
4	IRRIGATION CROSSOVER EXTENSION AT CARNELIAN <i>Approved Copies to:</i>	APLS	0 \$	\$ 2,300.00	\$ 9,245.77	\$ 485,905.49	12/14/2006	12/15/2006	12/19/2006	12/21/2006	12/21/2006	CCO APPROVED Paid Estimate No. 05
5	ADDITION OF PRESSURE REGULATORS <i>Approved Copies to:</i>	AUP	0 \$	\$ 3,675.00	\$ 12,920.77	\$ 482,230.49	1/30/2007	1/30/2007	2/6/2007	2/9/2007	2/9/2007	CCO APPROVED Paid Estimate No. 08
6	IRRIGATION CROSSOVERS BERTL/AMETHYST/ MVT <i>Approved Copies to:</i>	APLS	0 \$	\$ 7,316.00	\$ 20,236.77	\$ 474,914.49	2/6/2007	2/7/2007	2/21/2007	2/21/2007	2/21/2007	CCO APPROVED Paid Estimate No. 08
6 S1	ADDITIONAL CROSSOVER WORK AT ARCHIBALD OC <i>Approved Copies to:</i>	EWFA	0 \$	\$ 5,000.00	\$ 25,236.77	\$ 469,914.49	4/17/2007	4/24/2007	4/25/2007	4/30/2007	4/30/2007	CCO APPROVED
6 S2	ADDITIONAL FUNDS <i>Approved Copies to:</i>	EWFA	0 \$	\$ 936.67	\$ 26,173.44	\$ 468,977.82	4/29/2008	Signature Not Required 5/1/2008	5/1/2008	5/6/2008	5/6/2008	CCO APPROVED
7	CONCRETE CUTTING AND REMOVALS AT GARDEN WALL <i>Approved Copies to:</i>	APLS EWFA	0 \$ \$ 6,900.00	\$ 3,100.00 \$ 6,900.00	\$ 36,173.44 \$ 42,073.44	\$ 458,975.62	2/15/2007	2/15/2007	2/20/2007	2/21/2007	2/21/2007	CCO APPROVED Paid Estimate No. 08
8	INSTALLATION OF IRRIGATION PUMPS AT SYSTEM F & G <i>Approved Copies to:</i>	APLS EWFA	\$ 34,257.41 \$ 5,000.00	\$ 75,433.05 \$ 5,000.00	\$ 419,718.21		7/2/2007	7/10/2007	7/26/2007	7/26/2007	7/26/2007	CCO APPROVED Paid APLS Est. 10
8 S-1	INSTALLATION OF IRRIGATION PUMPS AT SYSTEM F & G. ADDITIONAL FUNDS <i>Approved Copies to:</i>	EWFA	\$ 1,077.56	\$ 76,510.61	\$ 418,640.65		7/25/2008	Signature Not Required 7/25/2008	7/28/2008	7/28/2008	7/28/2008	CCO APPROVED All work complete
8 S-2	PUMP DIAGNOSTIC SERVICES <i>Approved Copies to:</i>	APLS EWFA	\$ 5,156.13 \$ 1,592.60	\$ 83,261.34	\$ 411,889.92		3/6/2009	3/6/2009	4/13/2009	4/23/2009	4/23/2009	CCO APPROVED
9	ROCK REMOVAL <i>Approved Copies to:</i>	APLS	0 \$	\$ 11,281.39	\$ 94,542.73	\$ 400,608.53	5/2/2007	5/8/2007	5/16/2007	5/16/2007	5/16/2007	CCO APPROVED Paid Estimate No. 13
10	RETAINING/MASONRY-BLOCK WALL-HIGHLAND-AVE-BERVAL-TO HELLMAN <i>Approved Copies to:</i>	DELETED	0 \$	\$ -	\$ 94,542.73	\$ 400,608.53		5/17/2007				CCO DELETED Work will proceed per plan 6/19/07
11	BUBBLERS <i>Approved Copies to:</i>	AUP	0 \$	\$ 162.35	\$ 94,705.08	\$ 400,446.18	7/6/2007	7/10/2007	7/26/2007	7/26/2007	7/26/2007	CCO APPROVED Paid Estimate No. 14
12	DELETE BID ITEM NO. 24 - HEADER BOARD <i>Approved Copies to:</i>	ITEM	0 \$	\$ (10,176.00)	\$ 84,529.08	\$ 410,622.18	6/6/2007	6/18/2007	6/20/2007	6/20/2007	6/20/2007	CCO APPROVED No Payment Made to Item

mpc0906a1-gc

SR 210 HWY PLANTING Seg 3
CHANGE ORDER and CONTINGENCY BALANCE LOG

EA: 08-1A2804, 08-1A2808L
SANBAG CONT. NO.: 06-064
KTE: 08-5BD-210-4.3 / 10.3
STPL-4653(069)

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR TO FROM	SANBAG (Appr.) TO FROM	SANBAG (Trans.) TO FROM	DATE APR.	STATUS/REMARKS
13	FLOW SENSOR INSTALLATION <i>Approved Copies to:</i>	DELETED	0	\$ -	\$ 84,529.08	\$ 410,622.18	-	-	-	-	-	CCO DELETED
14	ADDITION OF SINGLE COMPOSITE GATE AT GARDEN WALL <i>Approved Copies to:</i>	ITEM	0	\$ 1,555.00	\$ 86,094.08	\$ 409,067.18	7/4/2007	7/10/2007	7/10/2007	7/26/2007	7/26/2007	CCO APPROVED Paid Estimate No. 016
15	CONSTRUCT WOOD FENCE <i>Approved Copies to:</i>	AUP	0	\$ 12,568.40	\$ 98,432.48	\$ 396,696.78	1/22/2008	2/1/2008	2/21/2008	2/22/2008	2/22/2008	CCO APPROVED Paid Est. 18, 19 Complete
16	ROCK REMOVAL DUE TO PLANTING OPERATIONS <i>Approved Copies to:</i>	APLS	0	\$ 6,327.28	\$ 104,779.76	\$ 390,371.50	12/18/2007	1/8/2008	1/16/2008	1/17/2008	1/17/2008	CCO APPROVED Paid Est. 26
17	ACACIA BAILEYANA 'PUREPURA' COLOR <i>Approved Copies to:</i>	AUP NCNC	0 0	\$ 3,307.33 -	\$ 108,087.09	\$ 387,064.17	10/3/2007	10/9/2007	1/16/2008	1/17/2008	1/17/2008	CCO APPROVED Paid Est. 26
18	WATER COST ADJUSTMENT <i>Approved Copies to:</i>	ADJ. COMP.	0	\$ -	\$ 108,087.09	\$ 387,064.17	-	-	-	-	-	CCO PENDING
19	HINGE REPLACEMENT ON DOUBLE GATES @ GARDEN WALL <i>Approved Copies to:</i>	EWFA	0	\$ 2,500.00	\$ 110,587.09	\$ 384,564.17	1/22/2008	2/1/2008	2/21/2008	2/22/2008	2/22/2008	CCO APPROVED Paid Estimate No. 18, 19
20	PLANTING BACKFILL @ DITCH <i>Approved Copies to:</i>	EWFA	0	\$ 1,500.00	\$ 112,087.09	\$ 383,064.17	1/22/2008	2/1/2008	2/21/2008	2/22/2008	2/22/2008	CCO APPROVED
20	ADDITIONAL FUNDS <i>Approved Copies to:</i>	EWFA	0	\$ 33.96	\$ 112,121.05	\$ 383,098.21	4/29/2008	Signature Not Required 5/7/2008	5/1/2008	5/1/2008	5/6/2008	CCO APPROVED
21	REPLACE BROKEN FULL BOXES <i>Approved Copies to:</i>	APLS	0	\$ 496.80	\$ 112,617.85	\$ 382,533.41	2/4/2008	2/7/2008	2/15/2008	2/22/2008	2/22/2008	CCO APPROVED Paid Estimate No. 19
22	EXTEND PLANT ESTABLISHMENT <i>Approved Copies to:</i>		0	\$ 16,664.00	\$ 129,281.85	\$ 365,869.41	3/6/2009	3/6/2009	4/13/2009	4/23/2009	4/23/2009	CCO APPROVED
ITEM OVER RUN**						\$ 52,440.85						
TOTAL TO DATE >>>>>>>>					0	\$ 129,281.85						

NOTES: * Includes Supplemental Funds & SANBAG Furnished Materials

ITEM No.	\$ Overrun	\$ Balance
8	\$ 233.70	\$ 233.70
15	\$ 549.00	\$ 782.70
21	\$ 286.00	\$ 1,070.70
43	\$ 6,672.00	\$ 7,742.70
44	\$ 102.00	\$ 7,844.70
51	\$ 1,401.40	\$ 9,246.10
3b	\$ 207.50	\$ 9,453.60
4b	\$ 35,911.25	\$ 45,384.85
5b	\$ 7,066.00	\$ 52,440.85

EA: 08-1A2814, 08-1A2818L
 SANBAG CONT. NO.: 06-065
 RTE.: 08-SBD-210-10.3 / 134
 STPL-6053(070)

SR 210 HWY PLANTING Seg 4
 CHANGE ORDER and CONTINGENCY BALANCE LOG

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR		SANBAG (Appr.)		SANBAG (Trans.)		DATE APPR.	STATUS/REMARKS
								TO	FROM	TO	FROM	TO	FROM		
*CONTINGENCY BUDGET \$ 338,690.54															
1	CONSTRUCTION AREA SIGNS	NCNC	0	\$ -	\$ -	\$ 338,690.54	7/26/2006	7/27/2006	8/22/2006	10/1/2006	10/5/2006	10/5/2006	10/5/2006	10/5/2006	CCO APPROVED
	Approved Copies to:														
2	ADDITIONAL WATER DEVELOPMENT FEES	APLS	0	\$ 4,215.00	\$ 4,215.00	\$ 334,475.54	10/16/2006	10/19/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	CCO APPROVED Paid on Est. No. 14
	Approved Copies to:														
3	PRESSURE REGULATOR MASTER VALVES	ADJ. COMP. AUP	0	\$ (622.90) \$ 1,404.93 \$ 288.55	\$ 5,285.58	\$ 333,852.64	8/16/2007	8/16/2007	8/29/2007	9/5/2007	9/13/2007	9/13/2007	9/13/2007	9/13/2007	CCO APPROVED Credit and Payment Estimate No. 14
	Approved Copies to:														
4	BUBBLERS	NCNC	0	\$ -	\$ 5,285.58	\$ 333,852.64	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/20/2007	6/20/2007	6/20/2007	CCO APPROVED
	Approved Copies to:														
5	DELETE BID ITEM NO. 21 - HEADER BOARD	ITEM	0	\$ (6,071.00)	\$ (785.42)	\$ 339,475.96	6/6/2007	6/6/2007	6/13/2007	6/18/2007	6/20/2007	6/20/2007	6/20/2007	6/20/2007	CCO APPROVED No payment to item
	Approved Copies to:														
6	IRRIGATION TRENCH SAND CREDIT	ADJ. COMP.	0	\$ (1,600.00)	\$ (2,385.42)	\$ 341,075.96	8/22/2007	8/22/2007	8/29/2007	9/5/2007	9/13/2007	9/13/2007	9/13/2007	9/13/2007	CCO APPROVED Credit Taken Est. 14
	Approved Copies to:														
7	ROCK REMOVALS	EWFA	0	\$ 25,000.00	\$ 22,614.58	\$ 316,075.96	9/11/2007	9/11/2007	9/11/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	9/12/2007	CCO APPROVED
	Approved Copies to:														
7 S1	ROCK REMOVALS	EWFA	0	\$ 18,173.64	\$ 40,788.22	\$ 297,902.32	7/25/2008	7/25/2008	Signature Not Required	7/25/2008	7/28/2008	7/25/2008	7/28/2008	7/28/2008	CCO APPROVED
	Approved Copies to:														
8	TIME EXTENSION	TIME	21	\$ -	\$ 40,788.22	\$ 297,902.32	12/18/2007	12/18/2007	12/21/2007	1/23/2008	1/24/2008	1/25/2008	1/24/2008	1/24/2008	CCO APPROVED
	Approved Copies to:														
9	ACACIA BAILEYANA 'PURPUREA' COLOR	AUP NCNC	0	\$ 3,209.56 \$ -	\$ 43,997.78	\$ 294,692.76	10/3/2007	10/3/2007	10/10/2007	10/15/2007	11/7/2007	10/15/2007	11/7/2007	11/7/2007	CCO APPROVED Paid Estimate No. 2b
	Approved Copies to:														
10	REMOVAL OF 25MM RCV AND REPLACE WITH 50MM RCV	APLS AUP	0	\$ 762.96 \$ 3,126.00	\$ 44,760.74	\$ 293,929.80	1/28/2008	1/29/2008	2/13/2008	2/13/2008	2/14/2008	2/13/2008	2/14/2008	2/14/2008	CCO APPROVED Paid Estimate No. 2b
	Approved Copies to:														
11	DELETE CHAIN LINK GATE	ITEM	0	\$ (983.00)	\$ 43,777.74	\$ 294,912.80	1/28/2008	1/29/2008	2/13/2008	2/13/2008	2/14/2008	2/13/2008	2/14/2008	2/14/2008	CCO APPROVED
	Approved Copies to:														

5/8/2009
 Date Revised: 7/29/08

EA: 08-1A2814, 08-1A2818L
 SANBAG CONT. NO.: 06-065
 RTE: 08-SBD-210-10.3 / 13.4
 STPL-6053(070)

SR 210 HWY PLANTING Seg 4
 CHANGE ORDER and CONTINGENCY BALANCE LOG

mpc0906al-gc

CCO NO.	DESCRIPTION	PAY METHOD	TIME EXT.	CCO AMOUNT	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN.	CONTRACTOR TO FROM	SANBAG (Appr.) TO FROM	SANBAG (Trans) TO FROM	DATE APPR.	STATUS/REMARKS
*CONTINGENCY BUDGET \$ 338,690.54												
12	BACKFLOW ENCLOSURES	ADJ. COMP.	0	\$ 2,400.00	\$ 46,177.74	\$ 292,512.80	2/27/2008	2/27/2008	2/28/2008	3/4/2008	3/4/2008	CCO APPROVED Paid on Est. No. 23
	FIBER ROLL	ADJ. COMP.	0	\$ 2,314.49	\$ 48,492.23	\$ 290,198.31	2/27/2008	2/27/2008	2/28/2008	3/4/2008	3/4/2008	CCO APPROVED Paid on Est. No. 23
14	EXTENSION OF IRRIGATION CROSSOVERS	APLS	0	\$ 3,151.56	\$ 51,643.79	\$ 287,046.75	3/5/2008	3/5/2008	3/17/2008	3/19/2008	3/19/2008	CCO APPROVED Paid on Est. No. 23
15	REMOVAL OF 25MM RCV AND REPLACE WITH 50MM RCV AT STATION A+36	APLS	0	\$ 948.56	\$ 52,592.35	\$ 286,098.19	3/20/2009	3/20/2009	5/1/2009	5/1/2009	5/1/2009	CCO APPROVED
ITEM OVERRUN**						\$ 16,098.00						
TOTAL TO DATE >>>>>>>>						\$ 277,831.80						

NOTES: * Includes Supplemental Funds & SANBAG Furnished Materials

ITEM No.	\$ Overrun	\$ Balance
12	\$ 15,992.00	\$ 15,992.00
37	\$ 106.00	\$ 16,098.00
		\$ 16,098.00
		\$ 16,098.00

5/8/2009
 Date Revised: 7/29/08

San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/27/2009)

I-215 FIFTH ST OC
CONTRACT No. C07-095

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR	CT	SANBAG	DATE APPROVED	STATUS/REMARKS
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>>													
1	TRAFFIC CONTROL	EWFA	0	\$50,000.00		\$1,858,324.55			02/12/07	02/11/07	02/15/07	02/20/07	Approved & Implemented
(S)						Billings Paid	Balance Remaining						
1	TRAFFIC CONTROL - ADDITIONAL FUNDS	EWFA	0	\$50,000.00	0.30%	\$50,000.00	\$0.00		02/20/07 << Approved Copies	(Email)			Approved & Implemented
(S)						\$50,000.00	\$1,808,324.55		N/A	N/A	04/22/08	04/22/08	Approved & Implemented
1	TRAFFIC CONTROL - ADDITIONAL FUNDS	EWFA	0	\$25,000.00	0.15%	\$25,000.00	\$0.00		N/A << Approved Copies	(Email)			Approved & Implemented
(S)						\$25,000.00	\$1,783,324.55		N/A	N/A	10/29/08	10/29/08	Approved & Implemented
1	TRAFFIC CONTROL - ADDITIONAL FUNDS	EWFA	0	\$10,000.00	0.06%	\$10,000.00	\$0.00		N/A << Approved Copies	(Email)			Approved & Implemented
(S)						\$10,000.00	\$1,773,324.55		N/A	N/A	10/29/08	10/29/08	Approved & Implemented
1	TRAFFIC CONTROL - ADDITIONAL FUNDS	EWFA	0	\$10,000.00	0.06%	\$10,000.00	\$0.00		N/A << Approved Copies	(Email)			Approved & Implemented
(S)						\$10,000.00	\$1,763,324.55		N/A	N/A	10/29/08	10/29/08	Approved & Implemented
2	SWPPP MAINTENANCE	EWFA	0	\$20,000.00	0.08%	\$20,000.00	\$0.00		03/13/07	03/13/07	03/09/07	03/12/07	Approved & Implemented
(S)						\$14,440.78	\$5,559.22		03/28/07 << Approved Copies	(Email)			Approved & Implemented
3	MAINTAIN EXISTING ELECTRICAL	EWFA	0	\$25,000.00	0.12%	\$25,000.00	\$0.00		03/20/07	03/20/07	03/14/07	03/19/07	Approved & Implemented
(S)						\$25,000.00	\$1,718,324.55		03/28/07 << Approved Copies	(Email)			Approved & Implemented
3	MAINTAIN EXISTING ELECTRICAL - ADDITIONAL FUNDS	EWFA	0	\$15,000.00	0.09%	\$15,000.00	\$0.00		N/A	N/A	05/22/08	05/22/08	Approved & Implemented
(S)						\$15,000.00	\$1,703,324.55		N/A	N/A	12/02/08	12/02/08	Approved & Implemented
3	MAINTAIN EXISTING ELECTRICAL - ADDITIONAL FUNDS	EWFA	0	\$20,000.00	0.12%	\$20,000.00	\$0.00		N/A	N/A	04/12/07	04/12/07	Approved & Implemented
(S)						\$20,000.00	\$1,683,324.55		N/A	N/A	01/28/08	01/28/08	Approved & Implemented
4	UTILITY CONFLICTS	EWFA	0	\$25,000.00	0.15%	\$25,000.00	\$0.00		04/24/07 << Approved Copies	(Email)			Approved & Implemented
(S)						\$25,000.00	\$1,658,324.55		N/A	N/A	04/12/07	04/12/07	Approved & Implemented
4	UTILITY CONFLICTS - ADDITIONAL FUNDS	EWFA	0	\$10,000.00	0.06%	\$10,000.00	\$0.00		N/A	N/A	01/28/08	01/28/08	Approved & Implemented
(S)						\$10,000.00	\$1,648,324.55		N/A	N/A	04/22/08	04/22/08	Approved & Implemented
4	UTILITY CONFLICTS - ADDITIONAL FUNDS	EWFA	0	\$10,000.00	0.06%	\$10,000.00	\$0.00		N/A	N/A	04/22/08	04/22/08	Approved & Implemented
(S)						\$10,000.00	\$1,638,324.55		N/A	N/A	04/22/08	04/22/08	Approved & Implemented
5	RETAINING WALL CHANGES - ABUTMENT 6 NORTH	ITEM EWFA APLS Adj. Comp.	0	\$34,925.10	0.06%	\$34,925.10	\$0.00		11/28/07	11/28/07	11/21/07	11/21/07	Approved & Implemented
(S)						\$34,925.10	\$1,603,324.55		12/05/07 << Approved Copies	(Email)			Approved & Implemented
5	RETAINING WALL CHANGES - ABUTMENT 6 NORTH - ADDITIONAL FUNDS	EWFA	0	\$1,199.61	0.01%	\$1,199.61	\$0.00		N/A	N/A	01/20/09	01/20/09	Approved & Implemented
(S)						\$1,199.61	\$1,602,124.94		09/18/07 << Approved Copies	(Email)			Approved & Implemented
6	ANCHOR BOLT SPEC CHANGE	NCNC	0	\$0.00	0.00%	\$0.00	\$0.00		09/12/07	09/12/07	09/18/07	09/18/07	Approved & Implemented
(S)						\$0.00	\$1,602,124.94		09/18/07 << Approved Copies	(Email)			Approved & Implemented
7	LOWER DRAINAGE INLETS OF DS 4 & 6	EWFA ITEM ITEM	0	\$20,000.00	0.10%	\$20,000.00	\$0.00		10/02/07	10/02/07	10/03/07	10/03/07	Approved & Implemented
(S)						\$20,000.00	\$1,582,124.94		10/03/07 << Approved Copies	(Email)			Approved & Implemented

I-215 FIFTH ST OC
CONTRACT No. C07-095

mpc0906a1-gc

SUMMARY OF OVERRUNS FOR ACTIVE ITEMS & CCO WORK						
ITEM NO.	\$ Overrun		CCO NO.	\$ Overrun	\$ Balance	Total Overrun
		\$ Balance				
2		\$220.00			\$0.00	\$149,798.75
5		\$2,600.00				
6		\$7,873.00				
8		\$7,000.00				
15		\$691.25				
17		\$2,164.00				
20		\$600.00				
23		\$2,702.00				
29		\$1,500.00				
34		\$775.00				

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San Bernardino Associated Governments
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/27/2009)

I-215 FIFTH ST OC
CONTRACT No. C07-095

COO NO.	DESCRIPTION	PAY MTD	TIME EXT.	COO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR		CT	SANBAG		DATE APPROVED	STATUS/ REMARKS
									TO	FROM		TO	FROM		
39						\$29,473.00									
47						\$6,812.50									
48						\$11,200.00									
51						\$1,064.00									
59						\$24,360.00									
60						\$17,000.00									
61						\$100.00									
64						\$1,700.00									
92						\$120.00									
95						\$7,200.00									
96						\$20,800.00									
97						\$2,040.00									
99						\$240.00									
104						\$60.00									
116						\$1,160.00									
117						\$170.00									
122						\$172.00									

(For use towards the job completion)

STATE ST. GRADE SEPARATION PROJECT
CONTRACT No. C07-110

SANBAG
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/14/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	RE SIGN	CONTRACTOR TO FROM	CT/HWA CONCURRENCES TO FROM	SANBAG APPROVAL TO FROM	DATE APPROVED	STATUS/REMARKS
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>>													
1	MAINTAIN ROADWAY AND TRAFFIC CONTROL ...	EWFA	0	\$24,000.00		\$24,000.00	\$1,690,771.00	6/2/07	8/3/07	N/A	8/6/07	8/20/07	Approved & Implemented
151	MAINTAIN ROADWAY AND TRAFFIC CONTROL	EWFA	0	\$25,000.00		\$25,000.00	\$1,690,771.00	8/5/08	9/11/07 << Approved Copies	N/A	8/18/08	8/18/08	Approved & Implemented
182	MAINTAIN ROADWAY AND TRAFFIC CONTROL	EWFA	0	\$20,000.00		\$20,000.00	\$1,690,771.00		N/A	N/A			
2	PLAN MODIFICATIONS	EWFA/LS	0	\$57,162.80		\$57,162.80	\$1,690,771.00	10/1/07	10/25/07	N/A	11/20/07	11/20/07	Approved & Implemented
3	REMOVE ABANDON SEPTIC FACILITIES	EWFA	0	\$4,000.00		\$4,000.00	\$1,690,771.00	11/9/07	11/20/07 << Approved Copies	N/A	1/29/08	1/29/08	Approved & Implemented
351	REMOVE ABANDON SEPTIC FACILITIES	EWFA	0	\$1,680.06		\$1,680.06	\$1,690,771.00	4/27/08	11/20/07 << Approved Copies	N/A	4/28/08	5/14/08	Approved & Implemented
4	MAINTAINING EXISTING FACILITIES	EWFA	0	\$24,000.00		\$24,000.00	\$1,690,771.00	11/18/07	11/20/07	N/A	11/20/07	11/20/07	Approved & Implemented
481	MAINTAINING EXISTING FACILITIES	EWFA	0	\$20,000.00		\$20,000.00	\$1,690,771.00	8/5/08	11/20/07 << Approved Copies	N/A	8/18/08	8/18/08	Approved & Implemented
5	RELOCATE CITY SEWER LINE	EWFA/LS	0	\$14,266.81		\$14,266.81	\$1,690,771.00	12/18/08	12/18/07 << Approved Copies	N/A	12/19/07	4/2/08	Approved by Steve Yench
51	RELOCATE CITY SEWER LINE - ADDITIONAL FUNDS	EWFA/LS	0	\$11,141.37		\$11,141.37	\$1,690,771.00	8/5/08	4/2/08 << Approved Copies	N/A	8/18/08	8/18/08	Approved & Implemented
6	REBAR INCREASED FROM #6 TO #8	EWFA/LS	0	\$34,477.00		\$34,477.00	\$1,690,771.00	3/18/08	4/10/08 << Approved Copies	N/A	4/1/08	4/2/08	Approved & Implemented
7	PLACE 4" WROUGHT IRON FENCE @ 2 RESIDENTIAL PROPERTIES	EWFA	0	\$26,650.75		\$26,650.75	\$1,690,771.00	5/14/08	5/14/08 << Approved Copies	N/A	5/15/08	5/23/08	Approved & Implemented
751	PLACE 4" WROUGHT IRON FENCE @ 2 RESIDENTIAL PROPERTIES	EWFA	0	\$7,247.82		\$7,247.82	\$1,690,771.00	4/27/09	N/A	N/A	4/28/09	5/14/09	Approved & Implemented
8	HILLWOOD/INTERCHANGE DRIVE OUT OF SEQUENCE WORK	EWFA/LS	0	\$38,978.78		\$38,978.78	\$1,690,771.00	6/5/08	8/10/08 << Approved Copies	N/A	8/13/08	8/13/08	Approved & Implemented
881	SUPPLEMENTAL FUNDS TO PROVIDE FOR REMOVAL OF AC PLACED BY HILLWOOD	EWFA		\$1,500.00		\$1,500.00	\$1,690,771.00	10/15/08	10/15/08 << Approved Copies	N/A	10/15/08	10/28/08	Approved & Implemented
882	SUPPLEMENTAL FUNDS TO PROVIDE FOR REMOVAL OF AC PLACED BY HILLWOOD	EWFA		\$3,669.94		\$3,669.94	\$1,690,771.00	4/27/09	N/A	N/A	4/28/09	5/14/09	Approved & Implemented

STATE ST. GRADE SEPARATION PROJECT
CONTRACT No. C07-110

SANBAG
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/14/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO	CONTRACTOR FROM	CTFHWA Concurrence TO	CONTRACTOR TO	CONTRACTOR FROM	DATE APPROVED	STATUS/REMARKS
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>> \$1,690,771.00															
1	MAINTAIN ROADWAY AND TRAFFIC CONTROL	BWFA	0	\$25,000.00	1.5%	\$25,000.00	\$1,690,771.00	6/27/07	8/3/07	8/6/07	N/A	N/A	8/8/07	8/20/07	Approved & Implemented
1S1	MAINTAIN ROADWAY AND TRAFFIC CONTROL	BWFA	0	\$25,000.00	1.5%	\$25,000.00	\$1,690,771.00	8/5/08	9/11/07 << Approved Copies	N/A	N/A	N/A	8/18/08	8/18/08	Approved & Implemented
1S2	MAINTAIN ROADWAY AND TRAFFIC CONTROL	BWFA	0	\$25,000.00	1.5%	\$25,000.00	\$1,690,771.00		9/11/07 << Approved Copies	N/A	N/A	N/A			Approved & Implemented
2	PLAN MODIFICATIONS	BWFA/LS	0	\$37,162.80	2.2%	\$37,162.80	\$1,690,771.00	10/1/07	10/1/07	10/25/07	N/A	N/A	10/25/07	11/20/07	Approved & Implemented
3	REMOVE ABANDON SEPTIC FACILITIES	BWFA	0	\$8,000.00	0.5%	\$8,000.00	\$1,690,771.00	1/6/07	11/6/07	1/26/08	N/A	N/A	1/26/08	1/26/07	Approved & Implemented
3S1	REMOVE ABANDON SEPTIC FACILITIES	BWFA	0	\$8,000.00	0.5%	\$8,000.00	\$1,690,771.00	4/27/09	11/20/07 << Approved Copies	N/A	N/A	N/A	4/28/09	5/14/09	Approved & Implemented
4	MAINTAINING EXISTING FACILITIES	BWFA	0	\$25,000.00	1.5%	\$25,000.00	\$1,690,771.00	11/16/07	11/16/07	11/20/08	N/A	N/A	11/20/07	11/20/07	Approved & Implemented
4S1	MAINTAINING EXISTING FACILITIES	BWFA	0	\$25,000.00	1.5%	\$25,000.00	\$1,690,771.00	8/5/08	11/20/07 << Approved Copies	N/A	N/A	N/A	8/18/08	8/18/08	Approved & Implemented
5	RELOCATE CITY SEWER LINE	BWFA/LS	0	\$14,256.81	0.8%	\$14,256.81	\$1,690,771.00	12/18/08	11/20/07 << Approved Copies	N/A	N/A	N/A	12/19/07	4/2/08	Approved by Steve Yench
5S1	RELOCATE CITY SEWER LINE - ADDITIONAL FUNDS	BWFA/LS	0	\$11,141.37	0.7%	\$11,141.37	\$1,690,771.00	8/5/08	4/2/08 << Approved Copies	N/A	N/A	N/A	8/18/08	8/18/08	Approved & Implemented
6	REBAR INCREASED FROM #6 TO #8	BWFA/LS	0	\$35,147.00	2.1%	\$35,147.00	\$1,690,771.00	3/18/08	4/10/08	4/10/08	N/A	N/A	4/10/08	4/26/08	Approved & Implemented
7	PLACE 4" WROUGHT IRON FENCE @ 2 RESIDENTIAL PROPERTIES	BWFA	0	\$26,650.75	1.6%	\$26,650.75	\$1,690,771.00	5/14/08	4/20/08 << Approved Copies	N/A	N/A	N/A	5/15/08	5/23/08	Approved & Implemented
7S1	PLACE 4" WROUGHT IRON FENCE @ 2 RESIDENTIAL PROPERTIES	BWFA	0	\$7,447.82	0.4%	\$7,447.82	\$1,690,771.00	4/27/09	5/23/08 << Approved Copies	N/A	N/A	N/A	4/28/09	5/14/09	Approved & Implemented
8	HILLWOOD INTERCHANGE DRIVE OUT OF SEQUENCE WORK	BWFA/LS	0	\$38,978.76	2.3%	\$38,978.76	\$1,690,771.00	8/5/08	8/10/08 << Approved Copies	N/A	N/A	N/A	8/13/08	8/13/08	Approved & Implemented
8S1	SUPPLEMENTAL FUNDS TO PROVIDE FOR REMOVAL OF AC PLACED BY HILLWOOD	BWFA		\$1,500.00	0.1%	\$1,500.00	\$1,690,771.00	10/15/08	8/10/08 << Approved Copies	N/A	N/A	N/A	10/15/08	10/28/08	Approved & Implemented
8S2	SUPPLEMENTAL FUNDS TO PROVIDE FOR REMOVAL OF AC PLACED BY HILLWOOD	BWFA		\$3,669.94	0.2%	\$3,669.94	\$1,690,771.00	4/27/09	10/29/08 << Approved Copies	N/A	N/A	N/A	4/28/09	5/14/09	Approved & Implemented

STATE ST. GRADE SEPARATION PROJECT
CONTRACT No. C07-110

SANBAG
CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

(Updated: 5/14/2009)

CCO NO.	DESCRIPTION	PAY MTD	TIME EXT.	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO	CTF/MSA Concurrence FROM TO	SANBAG Approval FROM TO	DATE APPROVED	STATUS/REMARKS
9	CONTRACTOR LOSS DUE TO IDLE EQUIPMENT BECAUSE OF UTILITY COMPANIES	EWFA/LS	0	\$12,000.05				6/18/08	6/18/08	6/25/08	6/25/08	7/3/08	Approved & Implemented
9S1	CONTRACTOR LOSS DUE TO GAS COMPANY DELAY	LS		\$12,000.05		\$12,000.05	\$1,523,333.4	11/20/08	12/4/08	12/7/08	N/A	12/8/08	Approved & Implemented
10	CONTRACTOR LOSSES DUE TO OVERHEAD COSTS DUE TO RR FAILURE TO CONSTRUCT SIGNAL PRIOR TO OCT 1, FOURTH	EWFA/LS	0	\$110,267.45		\$110,267.45	\$1,523,333.4	6/25/08	6/25/08	N/A	N/A	7/14/08	Approved & Implemented
11	SANBAG REQUESTS WORK TO BE DONE AT AYALA/RTE 210	EWFA	0	\$30,000.00		\$30,000.00	\$1,523,333.4	7/14/08	8/6/08	N/A	N/A	8/18/08	Approved & Implemented
12	REVISED CATCH BASIN AT STATION 100+03 LT	EWFA/Bent	0	\$27,068.48		\$27,068.48	\$1,523,333.4	7/14/08	8/6/08	N/A	N/A	8/18/08	Approved & Implemented
13	AC PRICE INDEX FLUCTUATION	AC	0	\$180,000.00		\$180,000.00	\$1,523,333.4	8/6/08	8/6/08	N/A	N/A	9/15/08	Approved & Implemented
13S1	AC PRICE INDEX FLUCTUATION	AC	0	\$16,390.57		\$16,390.57	\$1,523,333.4	2/20/09	NA	N/A	N/A	2/24/09	Approved & Implemented
14	GRAND OPENING CEREMONY	EWFA	0	\$3,000.00		\$3,000.00	\$1,523,333.4	9/2/08	9/2/08	N/A	N/A	9/15/08	Approved & Implemented
15	EL-CO CHANGES, INCREASE MINOR CONCRETE GUTTER,	EWFA/ITEM	0	\$37,500.00		\$37,500.00	\$1,523,333.4	10/8/08	10/15/08	N/A	N/A	10/28/08	Approved & Implemented
16	HILLWOOD WALL GUTTER, SOIL NAIL WALL GUTTER, INCREASE MINOR CONCRETE	ITEM	0	\$32,808.91		\$32,808.91	\$1,523,333.4	10/8/08	10/29/08	N/A	N/A	10/28/08	Approved & Implemented
17	SANBAG REQUESTS WORK TO BE DONE AT RTE 210/PEPPER COUNT STATION	EWFA	0	\$40,000.00		\$40,000.00	\$1,523,333.4	10/15/08	10/15/08	N/A	N/A	10/15/08	Approved & Implemented
18	CONCRETE LINED DITCH AT BENT 2 AND RR TRACKS	EWFA	0	\$25,000.00		\$25,000.00	\$1,523,333.4	11/20/08	12/4/08	12/8/08	N/A	12/15/08	Approved & Implemented
18S1	CONCRETE LINED DITCH AT BENT 2 AND RR TRACKS	EWFA	0	\$8,772.68		\$8,772.68	\$1,523,333.4	4/27/09	N/A	N/A	N/A	5/14/09	Approved & Implemented
19	12" CSP AT BASIN WITH AC APRON	EWLS	0	\$4,137.71		\$4,137.71	\$1,523,333.4	12/18/08	12/18/08	1/5/09	N/A	1/15/09	Approved & Implemented

I-10/ LIVE OAK CANYON ROAD
INTERCHANGE PROJECT

CONTRACT CHANGE ORDER and CONTINGENCY BALANCE LOG

SANBAG CONTRACT No. 07-174
(Updated: 06/01/2009)

CCO NO.	DESCRIPTION (S) = With Supplemental \$	PAY MTD EXT.	TIME	CCO AMOUNT	%	TO DATE AMOUNT	CONTINGENCY BALANCE	R.E. SIGN.	CONTRACTOR TO	FROM	TO	FROM	TO	DATE APPROVED	STATUS/REMARKS
*CONTINGENCY & SUPPLEMENTAL WORK BUDGET >>>															
1	MAINTAIN ROADWAY AND TRAFFIC CONTROL ... (S)	EWFA	0	\$30,000.00		\$1,249,056.00			10/1/07	10/1/07	10/1/07	10/1/07	10/1/07	10/1/07	Approved & Implemented
1-S1	ADDITIONAL FUNDS TO MAINTAIN ROADWAY AND TRAFFIC CONTROL	EWFA		\$30,000.00	0.25%	\$30,000.00	\$ 1,219,056.00								
2	DELETE SIGN STRUCTURE ITEMS 82 & 83	ITEM	0	\$15,000.00		\$45,000.00	\$ 1,204,056.00								
		(Bridge)		\$8,082.00											
		EWFA	0	\$15,000.00	-0.08%	\$36,918.00	\$ 1,212,138.00								
3	MAINTAIN ELECTRICAL SYSTEMS	EWFA	0	\$15,000.00		\$51,918.00	\$ 1,197,138.00								
3-S1	ADDITIONAL FUNDS TO MAINTAIN ELECTRICAL SYSTEMS	EWFA	0	\$20,000.00	0.14%	\$71,918.00	\$ 1,177,138.00								
4	BURIED MAN-MADE OBJECTS	EWFA	0	\$15,000.00		\$86,918.00	\$ 1,162,138.00								
5	RIGHT OF WAY OBLIGATIONS	EWFA	0	\$20,000.00	0.14%	\$106,918.00	\$ 1,142,138.00								
6	RETAINING WALL 975 ELEVATION CHANGES & DRAINAGE.	ITEM	0	\$3,705.00											
		EWLS		\$4,880.75											
		EWFA	0	\$10,000.00	0.08%	\$115,303.75	\$ 1,133,732.25								
7	MISC DRAINAGE CHANGES	EWFA	0	\$10,000.00		\$125,303.75	\$ 1,123,732.25								
8	DRAINAGE SYSTEM 14 INLET TYPE CHANGE	ITEM	0	\$1,115.00		\$126,418.75	\$ 1,122,617.25								
		EWFA	0	\$40,000.00	0.01%	\$166,418.75	\$ 1,079,447.25								
9	ADD IRRIGATION CROSSEOVERS AND RAISED CONCRETE MEDIAN	ITEM		\$3,180.00											
10	RELOCATE THE EXISTING VIDEO DETECTION SYSTEM TO POLE "C" & SALVAGE POLE "G"	ACFA	0	\$15,000.00		\$184,608.75	\$ 1,064,447.25								
11	ELECTRICAL SERVICE CONNECTION FEES	EWFA	0	\$20,000.00	0.14%	\$204,608.75	\$ 1,044,447.25								
12	ANCHOR BLOCKS W/IB OFF/ON RAMP	ITEM	0	\$6,427.00											
		EWUP		\$16,496.25											
		ACUP	0	\$22,923.25	0.22%	\$227,532.00	\$ 1,021,524.00								
13	AG PRICE INDEX FLUCTUATIONS (S)			\$100,000.00	0.94%	\$327,532.00	\$ 921,524.00								
14	EB OFF RAMP ROCK BLANKET	EWFA	0	\$4,000.00											
		ITEM		\$5,462.00											
		EWFA	0	\$9,462.00	0.09%	\$336,994.00	\$ 912,062.00								

-
- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies
-

Minute Action

AGENDA ITEM 4

Date: June 11, 2009

Subject: New Elections for Chair and Vice Chair of the Major Projects Committee

Recommendation*: Conduct Elections.

Background: According to SANBAG policy, elections for chair and vice chair of policy committees are to be held each June, with the election of the new SANBAG President.

The current Major Projects Committee chair is John Pomierski. The current vice chair is Bea Cortes.

Financial Impact: No financial impact.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: John Pomierski, Chair

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

-
- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies
-

Minute Action

AGENDA ITEM: 5

Date: June 11, 2009

Subject: Appointment of Garry Cohoe, Registered Civil Engineer, to serve as SANBAG's Agency Engineer as required for federal funding applications

Recommendation:* Appoint Garry Cohoe, Registered Civil Engineer, to serve as SANBAG's Agency Engineer for purposes related to the requirement of federal funding applications.

Background: SANBAG projects often are funded through multiple funding sources, including local, state, and/or federal contributions. In order for SANBAG to utilize federal funds, the authority must designate a qualified (i.e., registered) engineer. Under the terms of the Caltrans Local Assistance Procedures Manual, which specifies those procedures for utilizing federal funding, the local agency professional engineer will sign the title sheets of various documents. However, the responsibility of the Registered Civil Engineers under contract for their product will remain unchanged.

Financial Impact: This action has no financial impact. TN 81510000

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 6

Date: June 11, 2009

Subject: Local Stimulus Program

Recommendation: * Approve a Local Stimulus Program that distributes \$31.4 million to the County and the cities as outlined in the Recommended Funding Option below and further defined in Exhibit A and B.

Background: In April 2009, the SANBAG Board of Directors gave direction to develop options for a Local Stimulus Program in exchange for maximizing American Recovery and Reinvestment Act (ARRA) funds on the I-215 project. It was further directed that any program meet the intent of the California State legislation that distributed ARRA funds. That legislation states:

"It is the intent of the Legislature that at least 40 percent of the funds apportioned to a metropolitan planning organization, county transportation commission, or regional transportation planning agency be available for suballocation by that entity to a city, county, or city and county for projects that meet the requirements of the American Recovery and Reinvestment Act of 2009 and this chapter."

While the legislation includes this intent, it does not make the 40% a requirement. This was done to allow flexibility in designing implementation plans because it is clear that not every jurisdiction has the ability to meet all of the federal guidelines attached to ARRA funds.

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

MPC0906a-DAB
60109000

This draft of the Local Stimulus Program is being presented to the Major Projects and Mountain/Desert Committees for approval based on comments and feedback already received from those committees as well as from the CTP Technical Advisory Committee.

This proposed Local Stimulus Program will pass funds to local agencies in an amount equivalent to 40% of the ARRA funds SANBAG received under the Regional Surface Transportation Program (RSTP) distribution formula as cited in AB 3x 20. Under that formula, SANBAG is receiving \$2.05 million for areas with less than 5,000 population (ARRA Rural) and \$76.45 million for areas over 5,000 population (ARRA Urban) for a grand total of \$78.5 million. It should be noted that this total amount excludes \$2.4 million in Transportation Enhancement (TE) funds that would not be applicable to roadway construction and are being applied directly to qualifying regional projects. However, these amounts have been adjusted slightly by trading \$818,000 in ARRA Rural funds to the Riverside County Transportation Commission (RCTC) where they have eligible rural projects, in exchange for \$818,000 in ARRA Urban funds that were required for I-215. The new total is then \$1.2 million in ARRA Rural funds and \$77.3 million in ARRA Urban funds for a grand total of ARRA construction funds that remains the same at \$78.5 million. The 40% share of \$78.5 million is \$31.4 million.

Funding Source for Local Stimulus Program

As SANBAG does not have \$31.4 million in unallocated funds currently available to fund the Local Stimulus Program, staff has had to analyze potential pools of money for this program. One confirmed source and three possible sources of funds became apparent.

1. \$1.2 million remaining of the original \$2.05 million ARRA Rural funds is confirmed and will be allocated to the County for eligible projects in areas of less than 5,000 population. These ARRA Rural funds can't be used on I-215 and are thus available for obligation through the Caltrans Local Assistance process for the Local Stimulus Program. The County and several members of the Mountain Desert Committee expressed concern over how this source of funds was allocated. The County made the case that the ARRA Rural funds can't be used for other areas precisely because it was recognized that rural areas need dedicated sources of funding because they have no inherent population base for a per capita distribution yet are used by the entire region and are an important component of our regional transportation network. The County felt that the full \$2.05 million

originally allocated for rural areas should be targeted to rural areas separately and should not be counted against the more urban areas of the County. The concept of adopting the intent of allocating the ARRA Rural funds separately to rural areas was endorsed by the CTP Technical Advisory Committee.

2. \$10 million in the current Measure I Major Projects fund balance is immediately available for allocation to the Local Stimulus Program. This would still leave an appropriate fund balance to cover other Valley major projects and any contingencies on Measure I funded projects.
3. Measure I Major Projects funds currently allocated to projects that will not be needed immediately. Some of this money could be used for a Local Stimulus Program but it would need to be replaced before it is needed for the construction of the projects to which it is allocated. Examples of the projects that don't need Measure I funds immediately are I-215 landscaping and I-210/Pepper ramps. It is anticipated that cost savings that may result from the I-215 construction, State Transportation Improvement Program (STIP) allocations freed up because ARRA funds were used instead, Corridor Mobility Improvement Account (CMIA), and State/Local Partnership Program (SLPP) could replace the rest of the funds. These sources of replacement funds, however, are not guaranteed which places some of SANBAG's major projects at risk. If the expected construction savings don't materialize or if state funding is substantially delayed or eliminated then approved projects could be impacted and delayed. There is also the risk of losing the flexibility of moving Measure I funds to projects that may experience shortfalls due to the state budget crisis. An example of a project at risk due to this is the I-10 Westbound from Live Oak to Ford Street which relies on CMIA funds that require the state to sell bonds.
4. State/Local Partnership Program (SLPP) funds approved as part of Proposition 1B. This source of funds is equal to approximately \$10 million per year over the next five years. Using funds from the SLPP brings some restrictions. The first restriction is that SLPP funds must be matched on a one to one basis by revenues from any voter-approved local or regional tax or fee solely dedicated to transportation improvements. In San Bernardino County, the only eligible local match is from Measure I. The second restriction is that projects receiving SLPP funds must be approved by the California Transportation Commission (CTC). Also, only \$10 million a year is made available and so it may take an additional year before the allocation sufficient for our needs would

be available. Finally, the SLPP funds will come from Proposition 1B bonds that need to be sold by the State of California and there is no set date when that may happen.

Knowing these restrictions, staff originally examined two possible scenarios for funding the Local Stimulus Program. After receiving comments from committees and technical staff, a third scenario was added. Presented below is the recommended option based on committee feedback followed by the options originally presented to the committees.

Recommended Funding Option

This funding scenario recognizes the concerns raised during the committee meetings and provides for full funding of the 40% Local Stimulus Program. This option recognizes that all of the funds will not be available immediately and that the full amount would have to be distributed in two installments. The first installment equaling about 2/3 of the Local Stimulus Program would be available in September 2009 and the remaining 1/3 would be available as soon as SANBAG can free up the funds either by demonstrated savings on the I-215 project once bids have been awarded or by receipt of other funds from the state or federal government. Staff proposes coming back to the Board of Directors at the January 2010 Board meeting with a recommendation for a specific date on which to make the second installment of funds available. By January 2010, the results of the I-215 bids will be known as well as the status of other possible funding sources. At the time the Board would have the information necessary to make an informed decision based on funds available and projects that could be affected.

1. \$1.2 million from ARRA Rural
2. \$10 million from Measure I fund balance
3. \$10.54 million from Measure I committed to current projects
4. \$9.66 million from Measure I after savings or reimbursement

TOTAL: \$31.4 million total Local Stimulus Program

Original Funding Option 1

This scenario involves Measure I fund balance, ARRA Rural, Measure I Major Projects and SLPP funds. In this scenario both SANBAG and local agencies share the risk if there are any delays in the state funding the SLPP. The ARRA Rural and Measure I funds would be available immediately and the SLPP funds are expected next year, though there is no guarantee. The funding for this scenario breaks down as follows:

1. \$1.2 million from ARRA Rural
2. \$10 million from Measure I fund balance
3. \$5.1 million from Measure I Major Projects committed to current projects
4. \$15.1 from SLPP

TOTAL: \$31.4 million total Local Stimulus Program

During the committee meetings this option was not a favored option. The main reason for this was skepticism over the timely availability of SLPP funds that rely on the State selling bonds. Committee members expressed concern over any option that involved significant state funding.

Original Funding Option 2

This funding scenario involves using ARRA Rural funds with the balance of the Local Stimulus Program coming from Measure I fund balance and Measure I Major Project funds committed but not immediately needed for construction. It is further proposed that this scenario apply a discount to the Measure I funds to recognize the risk to SANBAG major projects and the benefit local agencies will receive due to reduced costs because of significantly reduced regulatory requirements. By using Measure I funds, local agencies will get the benefit of a clean source of money to use on local priorities without having first to obtain approval from the CTC, Caltrans or to comply with federal environmental guidelines. These funds are also available immediately. Recognizing the benefits of clean money versus money with many regulations attached, it is a common practice to apply a discount in a range of 25% to 33%. In this scenario, SANBAG is proposing a 15% discount on the Measure I funds. This discount recognizes the risk that regional project funding faces and provides a nearly equivalent amount of actual construction funds to local agencies compared to if they had to comply with more stringent state and federal guidelines if they weren't receiving Measure I funds and instead were receiving ARRA funds or other state funds directly.

The funding breaks down as follows:

1. \$1.2 million from ARRA Rural
2. \$25.67 million from Measure I fund balance and current projects

TOTAL: \$26.87 million total Local Stimulus Program

During the committee meetings, there was much discussion of the concept of using a discount. During the Major Projects Committee meeting, some members

were not as concerned about using a discount if they had a guaranteed source of money now. Some members of Major Projects and almost all of the Mountain/Desert Committee members did not like the concept of using a discount. These members felt that the legislative intent was clear and that local agencies should get full benefit of a Local Stimulus Program. Some agencies also stated that one of the reasons for using a discount, namely saving agencies from having to comply with federal requirements, did not hold true for them as they had federally approved or exempt projects on which to place federal stimulus funds. For many agencies, an option that included a discount was not the preferred alternative.

Distribution Formula

SANBAG staff originally examined two primary alternatives for distributing the Local Stimulus Program funds. The first alternative, which staff does not recommend, is to use the formula that is currently used to determine the Measure I local pass through. That formula is based partly on population and partly on sales tax generation. Staff does not recommend this approach because the Local Stimulus Program, unlike Measure I, has no component of sales tax revenue. Therefore, sales tax generation has no bearing on the amount of revenue that should be allocated to an agency. The committees concurred with staff's analysis and this alternative was dropped.

The second alternative is a distribution formula for the Local Stimulus Program based on a per capita basis, excepting that no agency would receive less than a set minimum. This distribution formula is straight forward and allows a minimum floor so that even agencies with a small population would be able to complete some meaningful work on their transportation system. If the minimum floor were not part of the formula, some agencies would receive so little money as to make it impossible to complete any meaningful work. The committees were all supportive of the minimum floor though there was some discussion at the CTP Technical Advisory Committee over what amount the minimum should be set. The original proposal was for a \$200,000 minimum and a proposal was made to increase that to \$300,000. No consensus was reached on this point and the recommendation maintains the \$200,000 limit originally proposed.

Another distribution alternative was proposed as the draft was discussed in the committees. This alternative would be to segregate the \$2.05 million originally distributed to SANBAG for rural areas under 5,000 in population. In this alternative those rural funds would go to the County for projects in rural areas. That amount would be subtracted from the total and the rural populations in the county would be subtracted from the total population and the balance would be

distributed on a per capita basis. This alternative became the basis for the staff recommendation. This distribution formula would work as follows:

1. Subtract \$2.05 million for rural areas from the \$31.4 million total amount available to arrive at \$29.35 million to be distributed to non-rural areas.
2. Divide \$29.35 million by the total county population less the rural area populations to arrive at a per capita amount to be distributed to the non-rural areas of the County and the cities.
3. This amount will then be multiplied by the population of each city and the non-rural unincorporated areas of the county to arrive at the per capita share for each agency.
4. The population figure used will be the State Department of Finance population estimate for January 1, 2009.
5. SANBAG will then evaluate the per capita shares of each agency and identify each agency that would receive less than the minimum amount (Grand Terrace, Big Bear Lake, Needles).
6. SANBAG will then allocate the minimum \$200,000 towards each of those agencies and subtract that amount from the total amount of non-rural Local Stimulus Funds available.
7. A second calculation will be done to establish the new per capita shares for the remaining agencies by taking the new amount available and dividing that by the total non-rural county population less the population of the agencies receiving the minimum.
8. This new per capita amount will then be multiplied by the population of the remaining agencies to establish a new agency share (see Exhibit A).

The attached Exhibit A is a table that shows the amount that each agency would receive under the recommended distribution formula described above. Also attached is Exhibit B which shows the procedures that would be used to administer the Local Stimulus Program under the recommended option. Exhibit C show the procedures that were proposed to be used with the funding options originally presented to the committees in May 2009. Exhibit D is a table showing

the amount each agency would receive under the option that is partially funded by SLPP funds and exhibit E is a table showing the amounts each agency would be eligible to receive under the option that discounts the Measure I funds used for the program. Exhibit F is a copy of the CTC guidelines for the SLPP.

Financial Impact: This item would allocate \$1.2 million from the ARRA Rural funds to the County for rural projects. In addition, this item would allocate \$10 million from Measure I Major Projects fund balance and \$10.54 million from Measure I Major Projects in Fiscal Year 2009/2010. An additional \$9.66 million would be allocated from Measure I Major Projects on a date directed by the Board of Directors following a review at the January 2010 Board meeting.

Reviewed By: This item is scheduled to be reviewed by the Major Projects Committee on June 11, 2009 and the Mountain/Desert Committee on June 19, 2009.

Responsible Staff: Duane A. Baker, Director of Management Services

Exhibit A

LOCAL STIMULUS PROGRAM DISTRIBUTION FORMULA OPTIONS							
\$2.05 million Rural funds separate							
City	Population	1st Installment			2nd Installment		
		\$ 19,864,600.00			\$ 9,685,500.00		
		Per Capita Only	\$200,000 min.	\$300,000 min.	Per Capita Only	\$200,000 min.	\$300,000 min.
WEST VALLEY							
CHINO	84,173	\$814,786.06	\$799,581.13	\$788,988.88	\$401,312.54	\$406,218.00	\$406,218.00
CHINO HILLS	78,726	\$762,049.98	\$747,829.17	\$738,081.29	\$375,338.05	\$378,926.01	\$379,926.01
FONTANA	189,021	\$1,828,704.02	\$1,795,559.45	\$1,767,304.43	\$901,197.50	\$912,213.33	\$912,213.33
MONTCLAIR	36,964	\$357,807.76	\$351,130.64	\$346,806.20	\$176,233.67	\$178,387.87	\$178,387.87
ONTARIO	173,188	\$1,676,442.19	\$1,645,157.68	\$1,618,269.39	\$825,710.33	\$836,803.44	\$836,803.44
RANCHO CUCAMONGA	177,736	\$1,720,466.37	\$1,688,360.31	\$1,661,792.19	\$847,393.88	\$857,752.04	\$857,752.04
UPLAND	75,035	\$726,331.16	\$712,776.90	\$701,560.61	\$357,745.19	\$362,116.11	\$362,116.11
TOTAL WEST VALLEY	814,842	\$7,887,587.51	\$7,740,395.26	\$7,618,591.98	\$3,884,931.16	\$3,932,418.80	\$3,932,418.80
EAST VALLEY							
COLTON	51,684	\$500,295.85	\$490,855.71	\$483,233.94	\$246,414.38	\$249,428.43	\$249,428.43
GRAND TERRACE	12,484	\$120,843.85	\$200,000.00	\$300,000.00	\$59,520.10	\$0.00	\$0.00
HIGHLAND	52,372	\$506,955.62	\$497,495.20	\$489,666.58	\$249,694.56	\$252,746.71	\$252,746.71
LOMA LINDA	22,619	\$218,949.61	\$214,863.74	\$211,482.63	\$107,840.86	\$109,169.05	\$109,169.05
REDLANDS	71,646	\$693,525.98	\$680,663.82	\$669,874.21	\$341,687.42	\$345,762.83	\$345,762.83
RIALTO	100,022	\$988,202.77	\$950,124.89	\$935,183.52	\$476,876.99	\$482,705.11	\$482,705.11
SAN BERNARDINO	204,483	\$1,979,374.60	\$1,942,495.99	\$1,911,870.70	\$974,916.86	\$986,832.78	\$986,832.78
YUCAIPA	51,317	\$496,743.33	\$487,473.48	\$479,802.57	\$244,664.63	\$247,655.29	\$247,655.29
TOTAL EAST VALLEY	566,627	\$5,484,691.61	\$5,465,947.92	\$5,481,114.15	\$2,701,513.78	\$2,674,288.21	\$2,674,288.21
TOTAL VALLEY	1,381,469	\$13,372,279.13	\$13,206,343.18	\$13,099,706.14	\$6,586,444.94	\$6,606,707.02	\$6,606,707.02
MOUNTAINS							
BIG BEAR LAKE	6,255	\$80,547.76	\$200,000.00	\$300,000.00	\$29,822.03	\$0.00	\$0.00
TOTAL MOUNTAINS	6,255	\$80,547.76	\$200,000.00	\$300,000.00	\$29,822.03	\$0.00	\$0.00
NORTH DESERT							
BARSTOW	24,213	\$234,379.37	\$230,005.58	\$226,386.18	\$115,440.59	\$116,851.88	\$116,851.88
TOTAL NORTH DESERT	24,213	\$234,379.37	\$230,005.58	\$226,386.18	\$115,440.59	\$116,851.88	\$116,851.88
COLORADO RIVER							
NEEDLES	5,793	\$56,075.65	\$200,000.00	\$300,000.00	\$27,619.35	\$0.00	\$0.00
TOTAL COLORADO RIVER	5,793	\$56,075.65	\$200,000.00	\$300,000.00	\$27,619.35	\$0.00	\$0.00
MORONGO BASIN							
TWENTYNINE PALMS	30,832	\$298,460.62	\$292,881.16	\$288,272.38	\$146,998.07	\$148,754.90	\$148,754.90
YUCCA VALLEY	21,239	\$205,591.36	\$201,754.75	\$198,579.94	\$101,261.41	\$102,499.19	\$102,499.19
TOTAL MORONGO BASIN	52,071	\$504,041.97	\$494,635.92	\$486,852.30	\$248,259.48	\$251,254.09	\$251,254.09
VICTOR VALLEY							
ADELANTO	28,265	\$273,602.32	\$268,498.66	\$264,271.48	\$134,769.35	\$136,406.59	\$136,406.59
APPLE VALLEY	69,861	\$676,247.38	\$663,627.74	\$653,184.86	\$333,077.06	\$337,148.44	\$337,148.44
HESPERIA	88,184	\$853,612.13	\$837,682.66	\$824,500.64	\$420,435.83	\$425,575.04	\$425,575.04
VICTORVILLE	109,441	\$1,059,377.73	\$1,039,508.41	\$1,023,249.05	\$521,783.06	\$528,161.10	\$528,161.10
TOTAL VICTOR VALLEY	295,751	\$2,862,839.54	\$2,809,416.37	\$2,765,206.26	\$1,410,055.29	\$1,427,291.17	\$1,427,291.17
TOTAL MOUNTAIN/DESERT	384,083	\$ 3,717,884.30	\$ 3,834,056.85	\$ 4,078,444.74	\$ 1,831,196.74	\$ 1,795,436.94	\$ 1,795,436.94
SUMMARY:							
TOTAL UNINCORPORATED URBAN & > 5,000	265,926	\$2,574,136.58	\$2,525,999.97	\$2,486,349.12	\$1,267,858.31	\$1,283,356.04	\$1,283,356.04
TOTAL UNINCORPORATED RURAL < 5,000	29,472	\$2,050,000.00	\$2,050,000.00	\$2,050,000.00	\$0.00	\$0.00	\$0.00
TOTAL INCORPORATED	1,765,552	\$17,090,383.42	\$17,138,400.03	\$17,178,160.88	\$8,417,641.69	\$8,402,143.96	\$8,402,143.96
GRAND TOTAL	2,060,950	\$ 21,714,500.00	\$ 21,714,500.00	\$ 21,714,500.00	\$9,685,500.00	\$9,685,500.00	\$9,685,500.00
(1) - CITY FIGURES FROM DOF JANUARY 1, 2009 ESTIMATES							
(2) - Scenarios show cities that receive less than \$200k per capita getting \$200k minimum and the balance being distributed per capita.							
(3) - Unincorporated County areas are counted together as a whole and not subject to \$200k minimum.							

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Exhibit B

Program Procedures for Recommended Funding Option

Listed below are the draft procedures that would be used to administer the Local Stimulus Program as recommended.

Procedures for Recommended Option

1. SANBAG will notify each agency of its total allocation. This amount will be based on a per capita basis, excepting that no agency will receive less than \$200,000. SANBAG will determine the amount each agency will receive using the following procedure:
 - a. The \$31.4 million total amount available will be segregated with \$2.05 million designated for rural areas (less than 5,000 population) and \$29.35 million designated for non-rural areas. The \$29.35 million will be multiplied by 2/3 to arrive at the amount of non-rural funding available in 2009 (\$19.66 million). The \$19.66 million for non-rural areas will then be divided by the total county population less the total rural area population to arrive at a per capita amount.
 - b. This amount will then be multiplied by the population of each city and the non-rural unincorporated areas of the county to arrive at the per capita share for each agency.
 - c. The population figure used will be the State Department of Finance population estimate for January 1, 2009.
 - d. SANBAG will then evaluate the per capita shares of the total \$31.4 million available for each agency and identify each agency that would receive less than \$200,000 (Grand Terrace, Big Bear Lake, Needles).
 - e. SANBAG will then allocate \$200,000 towards each of those agencies and subtract that amount (\$600,000) from the \$19.66 million of Local Stimulus Funds available in 2009.
 - f. A second calculation will be done to establish the new per capita shares for the remaining agencies by taking the new amount available and dividing that by the total non-rural county population less the population of the agencies receiving the \$200,000 minimum.
 - g. This new per capita amount will then be multiplied by the population of the remaining agencies to establish a new agency share.
2. A total of \$2.05 million will be made available to the County specifically for projects in the rural areas. The \$1.2 million ARRA Rural allocation is counted against the County's total \$2.05 million rural allocation and projects funded by these ARRA Rural funds will follow the guidelines established by Caltrans for managing ARRA funds.
3. A second allocation of funds will be made available to agencies equaling the remaining 1/3 of the \$29.35 million total of non-rural funds or \$9.69 million.
4. This second allocation of \$9.69 million will be distributed using the following procedure:
 - a. The \$9.69 million will be divided by the total population of the County less the rural areas and the cities that received the \$200,000 minimum in the first allocation to arrive at a per capita amount.

Exhibit B

- b. This per capita amount will then be multiplied by the population of each city and the non-rural unincorporated areas of the County to arrive at each agencies allocation.
5. The second allocation of funds will be made available on a date approved by the Board of Directors at their January 2010 meeting.
6. Agencies will submit Local Stimulus Program projects to SANBAG on a form approved by SANBAG which will include:
 - a. Project name and description.
 - b. Either the actual number of jobs created by the project or an estimate of the number of jobs that will be created by the project (SANBAG will provide guidance on how to calculate this number).
 - c. Total project cost and designation of all funds to demonstrate that the project is fully funded.
 - d. Estimated project start and completion dates.
 - e. Useful life of the project.
7. Projects submitted must be one of the following:
 - a. Major rehabilitation, resurfacing or reconstruction extending road life by 15 years.
 - b. New construction to increase capacity, improve mobility or enhance safety.
 - c. Improvements to bicycle or pedestrian safety or mobility with a useful life of at least 15 years.
 - d. Environmental mitigation for air or water quality impacts identified in the environmental impact report for a transportation project.
8. Projects can be submitted to SANBAG beginning September 1, 2009 and will be accepted until three months after the date that the second allocation is made available.
9. Once the project has been reviewed and approved by SANBAG staff for compliance, the Executive Director will issue a Local Stimulus Program Allocation Letter for each project.
10. Local agencies may access available Local Stimulus Program funds by submitting project expenditure invoices to SANBAG.
 - a. Invoices may be submitted as frequently as monthly or upon completion of the project.
 - b. Local agencies shall provide adequate documentation to substantiate the costs included in the invoice. At a minimum, the jurisdiction must submit the invoice provided by the contractor/consultant, which shall include unit costs, quantities, labor rates, and other documentation, as appropriate, to substantiate expenses incurred by the contractor/consultant.
 - c. SANBAG shall reimburse local agencies for eligible expenditures within 30 days of receiving a complete and satisfactory invoice package, which shall include all backup and support materials required to substantiate the expenditures.
11. Agencies will have 36 months from the date that SANBAG issues the Local Stimulus Program Allocation Letter to complete the project and request reimbursement
12. SANBAG will complete a semiannual report and a final project report to the Board.

Exhibit C

Program Procedures for Original Funding Options

Listed below are the draft procedures that would be used to administer the Local Stimulus Program under the two original funding options presented to the committees.

Procedures for Original Funding Option 1&2

1. SANBAG will notify each agency of its total allocation. This amount will be based on a per capita basis, excepting that no agency will receive less than \$200,000. SANBAG will determine the amount each agency will receive using the following procedure:
 - a. The total amount available will be divided by the total county population to arrive at a per capita amount.
 - b. This amount will then be multiplied by the population of each city and the unincorporated areas of the county to arrive at the per capita share for each agency.
 - c. The population figure used will be the State Department of Finance population estimate for January 1, 2009.
 - d. SANBAG will then evaluate the per capita shares of each agency and identify each agency that would receive less than \$200,000 (Grand Terrace, Big Bear Lake, Needles).
 - e. SANBAG will then allocate \$200,000 towards each of those agencies and subtract that amount from the total amount of Local Stimulus Funds available.
 - f. A second calculation will be done to establish the new per capita shares for the remaining agencies by taking the new amount available and dividing that by the total county population less the population of the agencies receiving the \$200,000 minimum.
 - g. This new per capita amount will then be multiplied by the population of the remaining agencies to establish a new agency share (see Exhibits D and E).
2. The \$1.2 million ARRA Rural allocation is counted against the County's total allocation and projects funded by these funds will follow the guidelines established by Caltrans for managing ARRA funds.
3. Agencies will submit Local Stimulus Program projects to SANBAG on a form approved by SANBAG which will include:
 - a. Project name and description.
 - b. Either the actual number of jobs created by the project or an estimate of the number of jobs that will be created by the project (SANBAG will provide guidance on how to calculate this number).
 - c. Total project cost and designation of all funds to demonstrate that the project is fully funded.
 - d. Estimated project start and completion dates.
 - e. Useful life of the project.
4. Projects submitted must be one of the following:
 - a. Major rehabilitation, resurfacing or reconstruction extending road life by 15 years.
 - b. New construction to increase capacity, improve mobility or enhance safety.

Exhibit C

- c. Improvements to bicycle or pedestrian safety or mobility with a useful life of at least 15 years.
- d. Environmental mitigation for air or water quality impacts identified in the environmental impact report for a transportation project.

Procedures Specific to Original Funding Option 1 (SLPP and Measure I)

1. Projects will be submitted to SANBAG by February 1, 2010
2. As some of the Local Stimulus Program funds are coming from the SLPP there is a requirement for a 1:1 match of Measure I funds to SLPP.
 - a. Funds other than Measure I can't be used for the local match.
 - b. The Measure I funds received as part of this Local Stimulus Program will be the local match.
3. SANBAG will review projects for compliance and compile into the SLPP application (the same as the Project Programming Request form used for STIP).
4. Projects funded through SLPP must also meet the requirements of the SLPP as approved by the California Transportation Commission on December 11, 2008 (see Exhibit E).
5. The Executive Director will issue a Local Stimulus Program Allocation Letter for each project indicating the Measure I allocation for each project no later than July 1, 2010.
6. SANBAG will take the SLPP project application and a resolution committing the Measure I portion of the Local Stimulus Program funds to the Board for approval no later than the July 2010 Board meeting.
7. SANBAG will submit the SLPP project application to the CTC by August 15, 2010.
8. Allocation of SLPP funds will work same as STIP process.
 - a. Funds must be used within six months of allocation.
 - b. Local agencies may access available SLPP funds by submitting project expenditure invoices to Caltrans using the same procedure as is used for the STIP.
9. Local agencies may access their Measure I Local Stimulus Program funds for their local match of the SLPP by submitting a copy of the projects expenditure invoices to SANBAG.
 - a. SANBAG shall reimburse local agencies for eligible expenditures within 30 days of receiving a complete and satisfactory invoice package, which shall include all backup and support materials required to substantiate the expenditures.
 - b. Invoices may be submitted as frequently as monthly.
10. SANBAG will complete a semiannual report and a final project report to the Board and to the CTC.

Procedures Specific to Original Funding Option 2 (Measure I)

1. Projects will be submitted to SANBAG by September 1, 2009
2. Once the project has been reviewed and approved by SANBAG staff for compliance, the Executive Director will issue a Local Stimulus Program Allocation Letter for each project.
3. Local agencies may access available Local Stimulus Program funds by submitting project expenditure invoices to SANBAG.

Exhibit C

- a. Invoices may be submitted as frequently as monthly or upon completion of the project.
 - b. Local agencies shall provide adequate documentation to substantiate the costs included in the invoice. At a minimum, the jurisdiction must submit the invoice provided by the contractor/consultant, which shall include unit costs, quantities, labor rates, and other documentation, as appropriate, to substantiate expenses incurred by the contractor/consultant.
 - c. SANBAG shall reimburse local agencies for eligible expenditures within 30 days of receiving a complete and satisfactory invoice package, which shall include all backup and support materials required to substantiate the expenditures.
4. Agencies will have 36 months to complete projects and request reimbursement
 5. SANBAG will complete a semiannual report and a final project report to the Board.

Exhibit D

LOCAL STIMULUS PROGRAM DISTRIBUTION FORMULA OPTIONS

Local Funds and State SLP Match

City	Population	Local Funds		SLPP		Total	
		\$	Per Capita Only	\$	Per Capita Only	\$	Per Capita Only
		\$200,000 min.	\$300,000 min.	\$200,000 min.	\$300,000 min.	\$200,000 min.	\$300,000 min.
WEST VALLEY							
CHINO	84,173	\$665,722.07	\$638,841.32	\$615,711.86	\$624,141.16	\$1,282,433.93	\$1,287,892.95
CHINO HILLS	78,725	\$622,633.98	\$596,838.45	\$583,744.35	\$583,744.35	\$1,198,428.87	\$1,213,878.98
FONTANA	189,021	\$1,484,992.18	\$1,429,433.16	\$1,384,903.61	\$1,401,687.05	\$2,879,886.79	\$2,914,568.50
MONTCLAIR	36,984	\$292,347.32	\$278,832.75	\$270,824.81	\$274,087.44	\$563,172.13	\$569,956.46
ONTARIO	173,188	\$1,369,738.39	\$1,309,889.29	\$1,284,185.68	\$1,284,185.68	\$2,638,638.07	\$2,670,428.82
RANCHO CUCAMONGA	177,738	\$1,408,709.41	\$1,344,092.82	\$1,302,221.60	\$1,317,909.00	\$2,707,931.00	\$2,740,582.48
UPLAND	76,035	\$693,448.67	\$667,437.04	\$648,760.30	\$656,383.07	\$1,343,210.17	\$1,368,982.01
TOTAL WEST VALLEY	814,842	\$6,444,564.21	\$6,163,078.12	\$6,070,117.78	\$6,042,037.64	\$12,414,691.87	\$12,564,237.20
EAST VALLEY							
COLTON	51,684	\$405,767.41	\$390,848.82	\$378,674.11	\$383,235.86	\$787,441.82	\$796,927.66
GRAND TERRACE	12,484	\$88,736.63	\$300,000.00	\$91,486.75	\$0.00	\$190,202.35	\$0.00
HIGHLAND	52,372	\$41,420.79	\$394,062.88	\$383,714.89	\$388,337.35	\$797,923.68	\$807,836.98
LOWA LINDA	22,619	\$173,893.08	\$171,061.82	\$165,723.04	\$167,719.45	\$344,616.12	\$348,787.89
REDLANDS	71,646	\$666,846.35	\$641,808.41	\$624,930.06	\$631,253.70	\$1,091,676.41	\$1,104,728.24
RIALTO	100,022	\$781,971.40	\$764,396.18	\$741,661.19	\$741,661.19	\$1,523,904.41	\$1,542,262.54
SAN BERNARDINO	204,483	\$1,917,280.73	\$1,876,481.83	\$1,816,237.48	\$1,816,237.48	\$3,115,440.06	\$3,162,970.60
YUCAIPA	51,317	\$408,864.82	\$388,072.48	\$378,980.20	\$380,514.56	\$781,860.02	\$791,288.69
TOTAL EAST VALLEY	568,627	\$4,481,438.22	\$4,490,894.66	\$4,151,516.39	\$4,108,989.80	\$8,632,964.81	\$8,644,459.08
TOTAL VALLEY	1,383,469	\$10,926,002.43	\$10,653,972.66	\$10,221,634.15	\$10,151,027.44	\$21,047,656.68	\$21,108,696.26
MOUNTAINS							
BIG BEAR LAKE	6,255	\$49,470.63	\$300,000.00	\$45,828.62	\$0.00	\$86,299.26	\$0.00
TOTAL MOUNTAINS	6,255	\$49,470.63	\$300,000.00	\$45,828.62	\$0.00	\$86,299.26	\$0.00
NORTH DESERT							
BARSTOW	24,213	\$191,498.99	\$183,105.92	\$177,401.83	\$179,538.93	\$368,901.82	\$373,348.86
TOTAL NORTH DESERT	24,213	\$191,498.99	\$183,105.92	\$177,401.83	\$179,538.93	\$368,901.82	\$373,348.86
COLORADO RIVER							
NEEDLES	5,793	\$45,816.69	\$300,000.00	\$42,443.68	\$0.00	\$88,290.37	\$0.00
TOTAL COLORADO RIVER	5,793	\$45,816.69	\$300,000.00	\$42,443.68	\$0.00	\$88,290.37	\$0.00
MORONGO BASIN							
TWENTYNINE PALMS	30,832	\$243,848.49	\$233,180.78	\$228,897.39	\$228,618.68	\$469,748.89	\$476,408.74
YUCCA VALLEY	21,239	\$197,976.70	\$180,816.68	\$185,612.17	\$187,486.77	\$373,499.05	\$377,489.06
TOTAL MORONGO BASIN	52,071	\$441,825.19	\$413,997.46	\$414,509.56	\$416,105.45	\$843,247.94	\$853,897.80
VICTOR VALLEY							
ADELANTO	28,265	\$223,647.15	\$213,748.38	\$207,089.89	\$209,584.43	\$430,636.84	\$436,824.57
APPLE VALLEY	69,861	\$482,628.83	\$426,300.71	\$411,851.86	\$418,017.96	\$838,350.70	\$857,202.91
HESPERIA	98,184	\$687,444.96	\$666,672.70	\$646,099.32	\$653,882.65	\$1,343,844.29	\$1,368,728.48
VICTORVILLE	109,441	\$688,568.03	\$627,628.47	\$601,843.37	\$611,502.89	\$1,293,406.26	\$1,307,498.08
TOTAL VICTOR VALLEY	295,751	\$2,088,089.97	\$1,928,359.23	\$1,866,894.25	\$1,892,987.93	\$3,760,971.23	\$3,860,283.06
TOTAL MOUNTAIN/DESERT	394,053	\$3,057,702.47	\$2,843,438.82	\$2,814,067.63	\$2,795,632.51	\$5,685,770.40	\$5,736,483.69
SUMMARY:							
TOTAL UNINCORPORATED URBAN > 5,000	285,926	\$2,103,201.82	\$2,011,011.69	\$1,948,364.89	\$1,971,836.14	\$4,091,588.70	\$4,100,374.48
TOTAL UNINCORPORATED RURAL < 5,000	29,472	\$233,083.29	\$222,876.06	\$215,933.04	\$218,934.31	\$449,026.32	\$464,436.88
TOTAL INCORPORATED	1,765,562	\$13,963,704.89	\$14,066,112.26	\$12,935,702.08	\$12,809,829.65	\$26,889,408.97	\$26,945,188.94
GRAND TOTAL	2,060,960	\$16,300,000.00	\$16,300,000.00	\$15,100,000.00	\$15,100,000.00	\$31,400,000.00	\$31,400,000.00

(1) - CITY FIGURES FROM DOF JANUARY 1, 2009 ESTIMATES

(2) - Scenarios show cities that receive less than \$200k per capita getting \$200k minimum and the balance being distributed per capita.

(3) - Unincorporated County areas are counted together as a whole and not subject to \$200k

Exhibit E

LOCAL STIMULUS PROGRAM DISTRIBUTION FORMULA OPTIONS				
		15% Discount		
		\$	28,870,000.00	
City	Population	Per Capita Only	\$200,000 min.	\$300,000 min.
WEST VALLEY				
CHINO	84,173	\$1,097,420.37	\$1,086,840.29	\$1,071,721.31
CHINO HILLS	78,725	\$1,028,391.11	\$1,016,660.83	\$1,002,365.39
FONTANA	189,021	\$2,464,394.71	\$2,438,390.19	\$2,406,684.25
MONTCLAIR	36,964	\$481,924.69	\$476,889.37	\$470,639.12
ONTARIO	173,188	\$2,267,969.17	\$2,234,142.87	\$2,205,092.72
RANCHO CUCAMONGA	177,736	\$2,317,264.62	\$2,282,812.54	\$2,262,999.62
UPLAND	75,035	\$978,282.08	\$967,969.16	\$956,372.96
TOTAL WEST VALLEY	814,842	\$10,623,646.64	\$10,511,544.95	\$10,374,866.27
EAST VALLEY				
COLTON	51,684	\$673,839.29	\$666,728.87	\$658,059.52
GRAND TERRACE	12,484	\$162,762.36	\$200,000.00	\$300,000.00
HIGHLAND	52,372	\$682,809.21	\$676,604.14	\$668,819.39
LOMA LINDA	22,619	\$294,899.21	\$291,787.41	\$300,000.00
REDLANDS	71,846	\$934,097.39	\$924,240.71	\$912,222.98
RIALTO	100,022	\$1,304,064.51	\$1,280,284.01	\$1,273,616.56
SAN BERNARDINO	204,483	\$2,665,983.26	\$2,637,851.57	\$2,603,662.07
YUCAIPA	51,317	\$669,064.46	\$661,894.64	\$653,388.74
TOTAL EAST VALLEY	566,627	\$7,387,499.69	\$7,346,591.25	\$7,367,557.25
TOTAL VALLEY	1,381,469	\$18,011,146.33	\$17,860,046.19	\$17,742,422.62
MOUNTAINS				
BIG BEAR LAKE	6,255	\$81,550.67	\$200,000.00	\$300,000.00
TOTAL MOUNTAINS	6,255	\$81,550.67	\$200,000.00	\$300,000.00
NORTH DESERT				
BARSTOW	24,213	\$315,681.27	\$312,350.17	\$308,288.74
TOTAL NORTH DESERT	24,213	\$315,681.27	\$312,350.17	\$308,288.74
COLORADO RIVER				
NEEDLES	5,793	\$75,527.26	\$200,000.00	\$300,000.00
TOTAL COLORADO RIVER	5,793	\$75,527.26	\$200,000.00	\$300,000.00
MORONGO BASIN				
TWENTYNINE PALMS	30,832	\$401,977.85	\$397,735.95	\$392,564.26
YUCCA VALLEY	21,239	\$276,907.22	\$274,885.27	\$300,000.00
TOTAL MORONGO BASIN	52,071	\$678,884.87	\$671,721.21	\$692,564.26
VICTOR VALLEY				
ADELANTO	28,265	\$368,509.93	\$364,821.38	\$359,890.28
APPLE VALLEY	69,861	\$910,825.14	\$901,214.03	\$889,495.71
HESPERIA	88,184	\$1,149,714.49	\$1,137,682.60	\$1,122,790.82
VICTORVILLE	109,441	\$1,428,866.39	\$1,411,800.07	\$1,393,442.69
TOTAL VICTOR VALLEY	295,751	\$3,855,905.95	\$3,815,218.08	\$3,766,609.50
TOTAL MOUNTAIN/DESERT	384,083	\$ 5,007,550.02	\$ 5,199,289.46	\$ 5,366,462.60
SUMMARY:				
TOTAL UNINCORPORATED URBAN & > 5,000	265,926	\$3,467,067.24	\$3,430,472.54	\$3,385,866.73
TOTAL UNINCORPORATED RURAL < 5,000	29,472	\$384,248.41	\$380,191.81	\$375,248.24
TOTAL INCORPORATED	1,765,552	\$23,018,698.36	\$23,059,385.98	\$23,106,885.02
GRAND TOTAL	2,060,950	\$ 28,870,000.00	\$ 28,870,000.00	\$ 28,870,000.00
(1) - CITY FIGURES FROM DOF JANUARY 1, 2009 ESTIMATES				
(2) - Scenarios show cities that receive less than \$200k per capita getting \$200k minimum and the balance being distributed per capita.				
(3) - Unincorporated County areas are counted together as a whole and not subject to \$200k minimum.				

**CALIFORNIA TRANSPORTATION COMMISSION State-Local Partnership Program
Guidelines Adopted December 11, 2008**

General Program Policy

1. Authority and purpose of guidelines. The Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006, approved by the voters as Proposition 1B on November 7, 2006, authorized \$1 billion to be deposited in the State-Local Partnership Program (SLPP) Account to be available, upon appropriation by the Legislature, for allocation by the California Transportation Commission over a five-year period to eligible transportation projects nominated by an applicant transportation agency. The Bond Act required a dollar for dollar match of local funds for an applicant agency to receive state funds under the program.

In 2008, the Legislature enacted implementing legislation (AB 268) to add Article 11 (commencing with Section 8879.66) to Chapter 12.491 of Division 1 of Title 2 of the Government Code. Article 11 defines the purpose and intent of the program, defines the eligibility of applicants, projects, and matching funds, and provides that 95% of program funds will be distributed by formula to match voter-approved transportation taxes and fees and that the remaining 5% will be available for a competitive grant application program to match uniform developer fees. Section 8879.74 requires the Commission to adopt an annual program of projects for the program and to develop and adopt guidelines to implement the program, consistent with Article 11. Initial project allocations are to be made by April 2009.

Earlier legislation to implement the Bond Act (SB 88, 2007) designated the Commission as the administrative agency for the SLPP and mandated that various administrative and reporting requirements be incorporated in the guidelines for all programs established by Proposition 1B.

2. Program of Projects. The Commission will adopt an annual program of projects for the SLPP, by April 2009 for 2008-09 and by October for each fiscal year thereafter. The program will consist of projects nominated by eligible applicants for the formula program and projects selected by the Commission under the competitive grant program to match uniform developer fees. SLPP project funding will match eligible local funding for project construction or equipment acquisition, consistent with Section 8879.70. The Commission will not program or allocate SLPP funding to match local funding for preconstruction work.

The program of projects for each fiscal year will include, for each project, the amount to be funded from the SLPP, the source of the dollar-for-dollar match of SLPP funding, and the estimated total cost of project construction or equipment acquisition, including any additional supplementary funding. The source of the dollar-for-dollar match will include only revenues from the transportation tax or fee that qualifies the applicant for SLPP funding and only funds to be expended after the Commission allocation of SLPP funds.

Exhibit F

The Commission will program and allocate funding to projects in whole thousands of dollars and will include a project only if it is fully funded from a combination of SLPP and other committed funding. The Commission will regard funds as committed when they are programmed by the Commission or when the agency with discretionary authority over the funds has made its commitment to the project by ordinance or resolution. For federal formula funds, including RSTP, CMAQ, and federal formula transit funds, the commitment may be by federal TIP adoption. For federal discretionary funds, the commitment may be by federal approval of a full funding grant agreement or by grant approval.

The Commission's annual SLPP program of projects will also include multiyear programs of projects for SLPP funding that eligible applicants may elect to adopt and submit to the Commission. The Commission will include these multiyear programs for informational purposes, acknowledging the future plans and intent of the eligible applicants. The inclusion of an applicant multiyear program, however, will not constitute a programming commitment by the Commission for future year funding.

Formula Program for Voter-Approved Taxes and Fees

3. **Annual Funding Shares.** The Commission will adopt the annual funding share for each eligible applicant for the Voter-Approved Taxes and Fees Subaccount with the adoption of these guidelines for 2008-09 and prior to the beginning of each subsequent fiscal year. These shares will be determined in accordance with Government Code Section 8879.72 and rounded to the nearest whole thousand dollars. In establishing funding shares, the Commission will use the following:
 - For toll revenues, the sum of revenues from Regional Measures 1 and 2 for the second prior fiscal year (e.g., 2006-07 data for 2008-09 funding shares), as reported in audited financial statements from the Bay Area Toll Authority.
 - For parcel and property tax revenues, the revenues for the second prior fiscal year (e.g., 2006-07 data for 2008-09 funding shares), as reported to the State Controller pursuant to Government Code Section 53891.
 - For local sales tax revenues, the sum of gross revenues for the most recent four quarters as reported for each local tax by the Board of Equalization.
 - For population, the annual population estimate for cities and counties issued by the Department of Finance in May prior to the beginning of each fiscal year.

The Commission will determine a funding share for each eligible applicant with a voter-approved tax or toll that was approved prior to the adoption of the funding shares and will be collected during the fiscal year. Where a city has a voter-approved local sales tax and is located within a county without a countywide sales tax, the Commission will adopt a funding share for the city based on the city's population. Where there are multiple eligible applicants with a voter-approved local sales tax within a county with a countywide sales tax, the Commission will adopt a single countywide funding share based on the population for the county.

Exhibit F

The Commission will set aside up to 2 percent of the total amount appropriated each year for the program as a reserve for bond administrative expenses. In the absence of an enacted state budget, the Commission may establish the funding shares based on its best estimate of the amount that the Legislature will appropriate to the SLPP Account, subject to adjustment based on the final appropriation in the Budget Act.

4. Project nominations. The Commission will include in the annual program of projects each project nominated by an eligible applicant for a formula funding share provided that the Commission finds that the nomination meets the requirements of statute and that the project has a commitment of the required match and any supplementary funding needed for full funding. Each applicant should submit its nomination by February 17, 2009 for 2008-09 and by August 15 for each fiscal year thereafter. The Commission's program of projects will not include a project nomination that exceeds the applicant's formula funding share. A nomination will include the signature of the Chief Executive Officer or other officer authorized by the applicant's governing board. Where the project is to be implemented by an agency other than the applicant, the nomination will also include the signature of the Chief Executive Officer or other authorized officer of the implementing agency. The Commission requests that applicants for funding from a formula share submit three hard copies of each nomination. The nominations should be addressed or delivered to:

Bimla Rhinehart, Executive Director
California Transportation Commission
Mail Station 52, Room 2231
1120 N Street
Sacramento, CA 95814

A project nomination may be for supplemental funding of a project that was allocated SLPP funding in a prior year, provided that the supplemental SLPP funding and the match for that supplemental funding will not be expended until after the allocation of the supplemental funding. The supplemental SLPP funding may be to replace local funding already committed to the project, subject to the required one-to-one match.

For each nominated project, the applicant should submit project information using the Project Programming Request form in use for STIP projects. The nomination should identify the implementing agency, which may be different from the applicant agency. As specified in statute, the nomination shall include:

- A description of the nominated project, including its cost and scope and the specific improvements and benefits it is anticipated to serve. The description should identify the project's useful life.
- A description of the project's current status, including the current phase of delivery, and the schedule for the completion of construction or acquisition.
- A description of how the project would support transportation and land use planning goals within the region.
- The amount and source of matching funds.
- The amount of SLPP funds requested.

An eligible applicant may adopt and submit a multiyear program for SLPP funding, either in

Exhibit F

addition to or in lieu of project nominations for the program year. As described in section 2, the Commission's acknowledgement of an applicant's multiyear program will not constitute a Commission programming commitment of future year SLPP funding.

5. Balance of funding share. If the program of projects adopted by the Commission does not program the full amount of an applicant's formula funding share, the balance will remain available for later program amendments supported by eligible project nominations. A balance not programmed in one fiscal year will carry over and be available in the following fiscal year.

Competitive Grant Program to Match Uniform Developer Fees

6. Project selection. The Commission will select projects from among eligible project nominations for the competitive grant program from the Uniform Developer Fees Subaccount pursuant to Government Code Section 8879.73. No single competitive grant for the SLPP may exceed \$1 million. The Commission will consider approval of a competitive grant only when it finds that the grant request meets the requirements of statute and that the project has a commitment of the required match and any supplementary funding needed for full funding. The selected projects will be included in the Commission's annual program of projects for the SLPP. The Commission will consider only projects for which five hard copies of a complete nomination are received in the Commission office by February 17, 2009 for 2008-09 and by August 15 for each fiscal year thereafter. A nomination will include the signature of the Chief Executive Officer or other officer authorized by the applicant's governing board. Where the project is to be implemented by an agency other than the applicant, the nomination will also include the signature of the Chief Executive Officer or other authorized officer of the implementing agency. The nominations should be addressed or delivered to:

Bimla Rhinehart, Executive Director
California Transportation Commission
Mail Station 52, Room 2231
1120 N Street
Sacramento, CA 95814

7. Project applications. For each project nominated for the competitive grant program, the applicant should submit project information using the Project Programming Request form in use for STIP projects. The nomination should identify the implementing agency, which may be different from the applicant agency. As specified in statute, the nomination shall include:

Exhibit F

- A description of the nominated project, including its cost and scope and the specific improvements and benefits it is anticipated to serve. The description should identify the project's useful life.
- A description of the project's current status, including the current phase of delivery, and the schedule for the completion of construction or acquisition.
- A description of how the project would support transportation and land use planning goals within the region.
- The amount and source of matching funds.
- The amount of SLPP funds requested.

In addition, the grant request should include a copy of the ordinance or resolution adopted by a city, county or city and county that establishes the uniform developer fee to be matched by the grant.

An agency may apply for supplemental funding of up to \$1 million for a project that was allocated SLPP funding in a prior year or years, provided that the supplemental SLPP funding and the match for that supplemental funding will not be expended until after the allocation of the supplemental funding. The supplemental SLPP funding may be to replace local funding already committed to the project, subject to the required one-to-one match. Prior year funding of a project under the SLPP discretionary grant program is not a selection criterion for funding in a subsequent year. The Commission will evaluate applications competitively in each funding cycle.

8. Project selection criteria. In approving grants for inclusion in the program of projects, the Commission will give consideration to geographic balance and to demonstrated project cost-effectiveness. The Commission will give higher priority to projects that are more cost-effective, that can commence construction or implementation earlier, that leverage more uniform developer fees per program dollar, and that can demonstrate quantifiable air quality improvements, including a significant reduction in vehicle-miles traveled.
9. Balance of grant program funds. If the program of projects adopted by the Commission does not program the full amount of the share for the competitive grant program, the balance will remain available for later program amendments supported by eligible project grant requests. A balance not programmed in one fiscal year will carry over and be available for the competitive grant program in the following fiscal year.

Project Allocations and Delivery

10. Amendments to program of projects. The Commission may approve an amendment of the SLPP program of projects at any time. An amendment need only appear on the agenda published 10 days in advance of the Commission meeting. It does not require the 30-day notice that applies to a STIP amendment.
11. Allocations from the SLPP Account. The Commission will consider the allocation of funds from the SLPP Account for a project when it receives an allocation request and recommendation from the Department of Transportation; in the same manner as for the STIP

Exhibit F

(see section 64 of the STIP guidelines). The recommendation will include a determination of the availability of appropriated funding from the SLPP Account and the availability of all identified and committed matching and supplementary funding. The Commission will approve the allocation if the funds are available, the allocation is necessary to implement the project as included in the adopted SLPP program, and the project has the required environmental clearance.

12. Timely Use of Funds. Under statute, projects receiving an SLPP allocation shall encumber the funds no later than two years after the end of the fiscal year in which the Commission makes the allocation. Commission policy, however, is that SLPP allocations are valid for encumbrance for six months from the date of approval unless the Commission approves an extension. Applicants may submit and the Commission will evaluate extension requests in the same manner as for STIP projects (see section 66 of the STIP guidelines).
13. Semiannual delivery reports: As a condition of the project allocation, the Commission will require the implementing agency to submit semiannual reports on the activities and progress made toward implementation of the project. As mandated by Government Code Section 8879.50, the Commission shall forward these reports to the Department of Finance. The purpose of the reports is to ensure that the project is being executed in a timely fashion and is within the scope and budget identified when the decision was made to fund the project. If it is anticipated that project costs will exceed the approved project budget, the implementing agency shall provide a plan to the Commission for achieving the benefits of the project by either downscoping the project to remain within budget or by identifying an alternative funding source to meet the cost increase. The Commission may either approve the corrective plan or direct the implementing agency to modify its plan.
14. Final delivery report. Within six months of the project becoming operable, the implementing agency shall provide a final delivery report to the Commission on the scope of the completed project, its final costs as compared to the approved project budget, its duration as compared to the project schedule in the project baseline agreement, and performance outcomes derived from the project as compared to those described in the project baseline agreement. The Commission shall forward this report to the Department of Finance as required by Government Code Section 8879.50. For the purpose of this section, a project becomes operable when the construction contract is accepted or acquired equipment is received.
15. Audit of project expenditures and outcomes. The Department of Transportation will ensure that project expenditures and outcomes are audited. For each SLPP project, the Commission expects the Department to provide a semi-final audit report within 6 months after the final delivery report and a final audit report within 12 months after the final delivery report. The Commission may also require interim audits at any time during the performance of the project.

Exhibit F

Audits will be performed in accordance with Generally Accepted Government Auditing Standards promulgated by the United States Government Accountability Office. Audits will provide a finding on the following:

- Whether project costs incurred and reimbursed are in compliance with the executed project baseline agreement or approved amendments thereof; state and federal laws and regulations; contract provisions; and Commission guidelines.
- Whether project deliverables (outputs) and outcomes are consistent with the project scope, schedule and benefits described in the executed project baseline agreement or approved amendments thereof.

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 7

Date: June 11, 2009

Subject: Approve appraisals and authorize offers for properties necessary for the Hunts Lane and Union Pacific Railroad Company (UPRR) Grade Separation Project

Recommendation:*

1. Approve appraisals of 5 parcels required for the railroad grade separation project (Project) at Hunts Lane and Union Pacific Railroad Company (UPRR) in the Cities of San Bernardino and Colton.
2. Authorize proceeding with the acquisition of 5 parcels for an estimated value of \$1,800,000.

Background: As part of the Traffic Congestion Relief Program (TCRP) established by Assembly Bill 2928 of 2000, SANBAG was the designated recipient of \$95 million for the Alameda Corridor East railroad grade separation projects. Hunts Lane at the UPRR tracks is one of the five projects identified for this funding. With the announcement from Governor Schwarzenegger that Proposition 42 funds would not be suspended in Fiscal Year 2005/06, this and other TCRP projects were once again restarted. As the design and environmental work is virtually complete, the next step in delivering this grade separation project is securing the right of way for the projects.

On April 2, 2008, the Board authorized the start of the project right of way appraisal and acquisition phases including utility relocations. On June 3, 2009,

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved:

Second:

In Favor:

Opposed:

Abstained:

Witnessed: _____

the Board approved appraisals and authorized proceeding with acquisition of 11 parcels.

The County Real Estate Services Department has completed appraisals of 5 additional parcels of the estimated 29 parcels that will be needed to construct the Hunts Lane project. The 5 parcels are summarized in attachment "A." Pursuant to Civil Code of Procedure Section 1263.25, the property owner is entitled to obtain an independent appraisal for actual reasonable costs up to \$5,000. The total estimated appraisal amount and 25% contingency is \$1,800,000.

Copies of the appraisals will be on file with the Director of Freeway Construction. The Board should be aware that while condemnation actions for these properties is a last resort and SANBAG's agent will go to every extent possible to avoid such actions, there is a potential that these properties may need to be acquired through eminent domain proceedings.

Financial Impact: Item is consistent with current Fiscal Year 2008/2009 budget. TN 870.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

ATTACHMENT "A"
Hunts Lane/UPRR Grade Separation - Parcels Information

PARCEL #	A.P.N. #	OWNER	ADDRESS	CITY	TYPE
12	164-321-49	Extra Space Properties Twelve LLC	155 West Center Drive	San Bernardino	Utility & Permanent Roadway Easement
13	164-321-82 164-321-83	Decatur Center Enterprises, LLC	2211 South Hunts Lane 184 West Caroline Street	San Bernardino	Utility & Drainage Easement, Permanent Roadway Easement and TCE
14	164-271-03 164-271-04	Atef & Soheir Hanna Ehab Atalla	2300 Steele Road	Colton	Permanent Roadway Easement and TCE
15	164-311-03 164-311-04	Superior Scale House, Inc.	601 South Hunts Lane 10600 South Hunts Lane	Colton	Utility & Permanent Roadway Easement, TCE, and Maintenance & Emergency Access Rights
16	164-311-42	Galen Eugene Rogers Robert Bernard Kahn	2275 East Cooley Drive	Colton	Utility Easement, TCE and Maintenance Access

-
- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies
-

Minute Action

AGENDA ITEM: 8

Date: June 11, 2009

Subject: Amendment No. 1 to Contract No. 06-044 with Ninyo and Moore for Materials Testing Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino

Recommendation:* Approve Amendment No. 1 to Contract No. 06-044 with Ninyo and Moore for Materials Testing Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino for an additional \$3,882,666.56 to increase the total contract value to \$4,350,166.56.

Background: **This is an amendment to an existing contract.** SANBAG executed a contract with Ninyo and Moore for materials testing services for the I-215 5th Street Bridge project in 2006 for a total of \$467,500 of which \$42,500 was contingency. Within the scope of services was an option to add additional segments of the I-215 corridor as an amendment at a later date. Since the scope of this amendment is significantly larger than the original contract and there was an option as to whether to amend the Ninyo and Moore contract or recomplete the work, an agenda item was taken to the Board last year to confirm which direction to proceed. In April, 2008, the Board approved moving forward with an amendment to the existing contract with Ninyo and Moore for work on Interstate 215 Segments 1 and 2 instead of recompleting for this additional work.

Construction on I-215 Segments 1 and 2 is currently scheduled to start in the fall of this year with the advertising period for this construction work already started in May, 2009. It is important to have the materials testing consultant under contract prior to awarding a construction contract, so that the firm may have all plans in place and have adequate coordination time with the construction management consultant before the general construction contractor starts its work.

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

This amendment increases the base contract by \$3,559,166.56, utilizing unspent funds from the 5th Street project and adds \$323,500 in contingency. This brings the total base contract value to \$3,984,166.56 with a total contingency of \$366,000, none of which has yet been released.

The funding for this contract will be through State Regional Improvement Funds (RIP). Any additional contract changes required to be in compliance with the criteria for these funds will be reviewed and approved by legal counsel and incorporated into the final version of the document prior to Board approval.

Financial Impact: Item is consistent with current Fiscal Year 2009/2010. TN 838

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

by and between

San Bernardino County Transportation Authority

and

Ninyo and Moore

for

Materials Testing Services for I-215 5th Street Overcrossing and Segments 1 and 2**FOR ACCOUNTING PURPOSES ONLY**

<input checked="" type="checkbox"/> Payable	Vendor Contract # _____	Retention:	<input type="checkbox"/> Original
<input type="checkbox"/> Receivable	Vendor ID _____	<input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Amendment

Notes:

Original Contract:	\$ <u>425,000</u>	Previous Amendments Total:	\$ <u>0</u>
Contingency Amount:	\$ <u>42,500</u>	Previous Amendments Contingency Total:	\$ <u>0</u>
		Current Amendment:	\$ <u>3,559,166.56</u>
		Current Amendment Contingency:	\$ <u>323,500.00</u>

Contingency Amount requires specific authorization by Task Manager prior to release.

Contract TOTAL → \$ 4,350,166.56

↓ Please include funding allocation for the original contract or the amendment.

Task	Cost Code	Funding Sources	Grant ID	Amounts
838	5553	RIP		\$ 3,882,666.56
				\$ _____

Original Board Approved Contract Date:	<u>11/1/06</u>	Contract Start:	<u>11/1/06</u>	Contract End:	<u>1/1/10</u>
New Amend. Approval (Board) Date:	<u>7/1/09</u>	Amend. Start:	<u>7/1/09</u>	Amend. End:	<u>1/15/14</u>

If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:

Approved Budget Authority →	Fiscal Year: <u>09/10</u> \$ <u>900,000</u>	Future Fiscal Year(s) – Unbudgeted Obligation →	\$ <u>2,982,666.56</u>
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Is this consistent with the adopted budget? ☒ Yes ☐ NoIf yes, which Task includes budget authority? 8386044If no, has the budget amendment been submitted? ☐ Yes ☐ No**CONTRACT MANAGEMENT**

Please mark an "X" next to all that apply:

☐ Intergovernmental ☐ Private ☒ Non-Local ☐ Local ☐ Partly Local
Disadvantaged Business Enterprise: ☒ No ☐ Yes _____ %Task Manager: Garry CohoeContract Manager: Dennis Saylor

Task Manager Signature

Contract Manager Signature

Date

Date

Chief Financial Officer Signature

Date

AMENDMENT NO. 1
AGREEMENT BETWEEN
SAN BERNARDINO ASSOCIATED GOVERNMENTS/
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY

AND

NINYO AND MOORE

FOR

MATERIALS TESTING SERVICES, INTERSTATE 215 5TH STREET BRIDGE AND
SEGMENTS 1 AND 2

This AMENDMENT NO. 1 to CONTRACT NO. 06-044 entered into as of this First day of July, 2009, by the firm of Ninyo and Moore (hereafter called CONSULTANT) and San Bernardino Associated Governments/San Bernardino County Transportation Authority (hereafter called SANBAG):

WITNESSETH:

WHEREAS, SANBAG, under SANBAG Contract No. 06-044 has engaged the services of CONSULTANT to provide Materials Testing Services for the I-215, 5th Street Overcrossing Project with an option to provide the same services on other portions of the corridor; and

WHEREAS, the construction of I-215 Segments 1 and 2 is anticipated to start later this year and materials testing is required for this new work effort; and

WHEREAS, SANBAG desires to exercise its option to have CONSULTANT perform materials testing Services for I-215 Segments 1 and 2; and

WHEREAS, the duration of these activities will extend beyond the current completion date of the existing contract.

NOW THEREFORE, the parties hereto do mutually agree to amend Contract No. 06-044 as follows:

1. Revise Article 1, Description of Services, to add Attachment "C" to the Services to be performed by CONSULTANT.
2. Replace Article 2.1, with the following:

"The Period of Performance by CONSULTANT under this Contract shall commence on November 1, 2006 and shall continue in effect until January 15, 2014 or until otherwise

terminated or canceled as hereinafter directed, or unless extended by direction of AUTHORITY”.

3. Under Article 3, Contract Price and Principles, revise Section 3.2 to read as follows:

The total cost shall not exceed \$3,984,166.56 with a contingency of \$366,000.00 for a total contract cost of \$4,350,166.56. Services to be provided under the terms of this contract are to be provided on an as needed basis and compensated for as set forth in Attachment “A” for the 5th Street Overcrossing work and Attachment “C” for the work on Segments 1 and 2 which are incorporated herein by reference. Utilization of the contingency is not permitted unless directed in writing by AUTHORITY Project Manager. CONSULTANT’S fee for services is included in the total estimated contract cost and shall be based on a fixed percentage rate, as noted in Attachment “B” for the 5th Street Overcrossing and Attachment “C” for the work on Segments 1 and 2. CONSULTANT’s fee will be paid by AUTHORITY on an earned basis as set forth in Section 6.5.

4. Under Article 3, Contract Price and Principles, revise Section 3.3 to read as follows:

CONSULTANT’S overhead rates will be fixed, as agreed upon in Attachment “B” for the 5th Street Overcrossing and Attachment “C” for Segments 1 and 2 for the duration. The fixed overhead rates will not be subject to adjustment. Overtime and premium rates are not permitted without prior authorization from AUTHORITY.

5. Under Article 3, Contract Price and Principles, revise the first sentence of Section 3.6 to read as follows:

Any Services provided by the CONSULTANT not specifically covered by the Scope of Services (Attachment “A” for 5th Street Overcrossing and Attachment “C” for Segments 1 and 2) shall not be compensated without prior written authorization from AUTHORITY.

6. Under Article 7, add section 7.3 as follows:

The Cost Proposal for this project is subject to a post award audit. After any post award audit recommendations are received the Cost Proposal shall be adjusted by the Consultant and approved by the Contract Manager to conform to the audit recommendations. The Consultant agrees that individual items of cost identified in the audit report may be incorporated into the Agreement (Project Contract) at SANBAG’s sole discretion. Refusal by the Consultant to incorporate the audit or post award recommendations will be considered a breach of the Agreement terms and cause for termination of the Contract.

7. Except as amended by this Amendment, all other provisions of Contract No. 06-044 shall remain in full force and effect.

IN WITNESS THEREOF, the authorized parties have below signed:

NINYO AND MOORE

By: _____

Date: _____

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

By: _____
Paul Eaton, President
SANBAG Board of Directors

Date: _____

APPROVED AS TO FORM:

By: _____
Jean-Rene Basle
SANBAG Counsel

Contract A06-044 Amendment 1 Attachment "C"



May 6, 2009
Project No. 207017002

Mr. Dennis Saylor, Project Manager
San Bernardino Associated Governments
1170 W. 3rd Street, Second Floor
San Bernardino, California 92410

Subject: Cost Proposal for Materials Testing Services
I-215 Segments I & II Project
San Bernardino, California

Dear Mr. Saylor:

Ninyo & Moore is pleased to submit this proposal for materials testing services during construction of the Interstate 215 (I-215)/Segments I & II project in San Bernardino, California. We have prepared this proposal based on the information contained in the San Bernardino Associated Governments' Request for Proposal (RFP), as well as review of the project plans and special provisions. Based on our review of the project plans and the special provisions, we understand that the required services will include construction observation and intermittent field and laboratory testing of the construction materials used in the proposed project. We understand that our services will include observation, sampling and testing during embankment construction (earthwork), structure backfill, trench backfill, subgrade preparation, aggregate base placement, lean concrete base placement, Portland cement concrete pavement, asphalt concrete pavement placement, structural concrete placement, and batch plant inspections. Testing will be performed in general accordance with Caltrans test methods and test frequencies as described in the Caltrans Construction Manual and Standard Specifications and with the City of San Bernardino Specifications.

The I-215/Segments I & II project includes widening and realignment of approximately 2.4 miles of the existing I-215. The construction will accommodate 4 mixed flow lanes and 1 high occupancy vehicle lane in each direction. The project is anticipated to be constructed in several phases and will include site improvements including 39 CIP and MSE retaining walls, 8 new bridges, 5 bridge replacements, 2 bridge widenings, 1 connector replacement, 1 new connector, and 9 bridge removals, masonry block walls, sound walls, concrete flatwork, Portland cement concrete paving, asphalt concrete paving, drainage structures, utility relocations, striping, lighting, and signage improvements.

SCOPE OF SERVICES

Based on our understanding of the proposed construction and project plans, our scope of services will be as follows:

- Project coordination and management, including reviewing the project geotechnical reports, plans, specifications and special provisions, and providing test data summary reports.
- Coordination of our personnel to obtain the required Caltrans materials testing certifications and BNSF safety training certifications, required for this project.

- Attendance at pre-construction meetings and as-needed field meetings, as requested.
- On-site materials testing during construction performed by our certified personnel, on an as-requested basis. Our materials testing services for this project is anticipated to include the following:
 - Geologic/engineering field support to evaluate the suitability of remedial excavation bottoms, and to provide supplemental recommendations where appropriate.
 - Field technician services for observation, sampling, and density testing of earthwork including during embankment construction, structure backfill, trench backfill, subgrade preparation, aggregate base and subbase placement, lean concrete base, and asphalt concrete placement.
 - Field technician services during the placement of Portland cement concrete for structures and pavement. In addition, site observations will also be performed for concrete structures including field inspection, sampling, and testing of concrete placed at the site, as requested by the Resident Engineer. Field testing of the concrete may include casting cylinders for compressive strength, and testing for penetration, air content, unit weight, and temperature.
 - Performance of off-site batch plant inspection and sampling for Portland cement and asphalt concrete during construction, as outlined in the Caltrans Construction Manual.
 - Preparation of daily reports and test data sheets.
 - Laboratory testing including, but not limited to, sieve analysis, sand equivalent, cleanness value, maximum density testing, R-value, Durability Index, expansion index, maximum theoretical unit weight, stability, extraction and gradation of asphalt aggregate, concrete compressive and flexural strength.

SCHEDULE

Ninyo & Moore is prepared to begin our services upon receipt of your authorization to proceed. It is our understanding that the project construction duration is estimated to be approximately 4 years and that our services will be requested and coordinated on a daily basis by SANBAG Construction Manager, the team of Jacobs/HDR/Vali Cooper.

ASSUMPTIONS

Based on our experience with similar projects, the following assumptions have been made in the preparation of our scope of services:

- Our estimated hours for materials testing and inspection services are presented in the attached Table 1
- Our services are subject to prevailing wage requirements.
- Please note that our estimated fee is based on the assumptions outlined above and does not include stand-by time or costs associated with retesting or reinspecting materials that were found not to be in compliance with the project plans or specifications. Our services,

including field hours and number of laboratory tests performed will depend on the actual construction scheduled and the contractor's operations. Hours spent that exceed those in the attached tables will be billed on a time-and-materials basis.

ESTIMATED FEES

Our materials testing services will be performed on a time-and-materials basis and invoiced on an overhead and fixed percentage rate format as required by SANBAG. Our estimated fee for the scope of services described herein is approximately \$3,660,000 (three million six hundred sixty thousand dollars). A detailed breakdown of our estimated fee is presented in the attached Table 1, and laboratory testing fees are presented in the attached Table 2. Our schedule of rates are presented in the attached Tables 3 and 4.

Ninyo & Moore appreciates the opportunity to provide services on this project and we look forward to working with you.

Respectfully submitted,
NINYO & MOORE

Jalal Vakili, Ph.D., P.E.
Principal Engineer
RWM/CAP/JV/mic

Attachments: Table 1 – Breakdown of Estimated Fee
Table 2 – Laboratory Testing Estimated Fee
Table 3 – Ninyo & Moore Hourly Rates
Table 4 – CHJ Hourly Rates
Schedule of Fees for Laboratory Testing

Distribution: (2) Addressee

SCHEDULE OF FEES FOR LABORATORY TESTING

Laboratory Test, Test Designation, and Price Per Test

Soils			
Atterberg Limits, D 4318, CT 204.....	\$	145	
California Bearing Ratio (CBR), D 1883	\$	440	
Chloride and Sulfate Content, CT 417 & CT 422	\$	135	
Consolidation, D 2435, CT 219	\$	275	
Consolidation - Time Rate, D 2435, CT 219	\$	70	
Direct Shear - Remolded, D 3080	\$	290	
Direct Shear - Undisturbed, D 3080	\$	250	
Durability Index, CT 229	\$	150	
Expansion Index, D 4829, UBC 18-2	\$	165	
Expansion Potential (Method A), D 4546	\$	145	
Expansive Pressure (Method C), D 4546	\$	145	
Geofabric Tensile and Elongation Test, D 4632	\$	165	
Hydraulic Conductivity, D 5084	\$	300	
Hydrometer Analysis, D 422, CT 203	\$	190	
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$	110	
Moisture Only, D 2216, CT 226	\$	30	
Moisture and Density, D 2937	\$	39	
Permeability, CH, D 2434, CT 220	\$	230	
pH and Resistivity, CT 643	\$	140	
Proctor Density D 1557, D 698, CT 216, &	\$	180	
AASHTO T-180 (Rock corrections add \$80)			
R-value, D 2844, CT 301	\$	250	
Sand Equivalent, D 2419, CT 217	\$	90	
Sieve Analysis, D 422, CT 202	\$	110	
Sieve Analysis, 200 Wash, D 1140, CT 202	\$	90	
Specific Gravity, D 854	\$	90	
Triaxial Shear, C.D, D 4767, T 297	\$	390	
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt. \$		330	
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt. \$		190	
Triaxial Shear, U.U., D 2850	\$	140	
Unconfined Compression, D 2166, T 208	\$	100	
Wax Density, D 1188	\$	90	
Roofing			
Built-up Roofing, cut-out samples, D 2829	\$	165	
Roofing Materials Analysis, D 2829	\$	500	
Roofing Tile Absorption, (set of 5), UBC 15-5	\$	190	
Roofing Tile Strength Test, (set of 5), UBC 15-5	\$	190	
Masonry			
Brick Absorption, 24-hour submersion, C 67	\$	45	
Brick Absorption, 5-hour boiling, C 67	\$	55	
Brick Absorption, 7-day, C 67	\$	60	
Brick Compression Test, C 67	\$	45	
Brick Efflorescence, C 67	\$	45	
Brick Modulus of Rupture, C 67	\$	40	
Brick Moisture as received, C 67	\$	35	
Brick Saturation Coefficient, C 67	\$	50	
Concrete Block Compression Test, 8x8x16, C 140	\$	60	
Concrete Block Conformance Package, C 90	\$	440	
Concrete Block Linear Shrinkage, C 426	\$	120	
Concrete Block Unit Weight and Absorption, C 140	\$	55	
Cores, Compression or Shear Bond, CA Code	\$	55	
Masonry Grout, 3x3x6 prism compression, UBC 21-18	\$	30	
Masonry Mortar, 2x4 cylinder compression, UBC 21-18	\$	30	
Masonry Prism, half size, compression, UBC 21-17	\$	110	
Concrete			
Cement Analysis Chemical and Physical, C 109	\$	1,650	
Compression Tests, 6x12 Cylinder, C 39	\$	22	
Concrete Mix Design Review, Job Spec	\$	140	
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	\$	750	
Concrete Cores, Compression (excludes sampling), C 42	\$	55	
Drying Shrinkage, C 157	\$	250	
Flexural Test, C 78	\$	50	
Flexural Test, C 293	\$	55	
Flexural Test, CT 523	\$	60	
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	\$	250	
Jobsite Testing Laboratory		Quote	
Lightweight Concrete Fill, Compression, C 495	\$	40	
Petrographic Analysis, C 856	\$	1,100	
Splitting Tensile Strength, C 496	\$	80	
Reinforcing and Structural Steel			
Fireproofing Density Test, UBC 7-6	\$	55	
Hardness Test, Rockwell, A-370	\$	50	
High Strength Bolt, Nut & Washer Conformance, set, A-32	\$	120	
Mechanically Spliced Reinforcing Tensile Test, ACI	\$	95	
Pre-Stress Strand (7 wire), A 416	\$	140	
Chemical Analysis, A-38, A-615	\$	120	
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$	50	
Structural Steel Tensile Test: Up to 200,000 lbs.			
(machining extra), A 370	\$	70	
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$	55	
Asphalt Concrete			
Asphalt Mix Design, Caltrans	\$	2,200	
Asphalt Mix Design Review, Job Spec	\$	150	
Extraction, % Asphalt, including Gradation, D 2172, CT 310	\$	215	
Film Stripping, CT 302	\$	100	
Hveem Stability and Unit Weight CTM or ASTM, CT 366	\$	195	
Marshall Stability, Flow and Unit Weight, T-245	\$	215	
Maximum Theoretical Unit Weight, D 2041	\$	120	
Swell, CT 305	\$	165	
Unit Weight sample or core, D 2726, CT 308	\$	90	
Aggregates			
Absorption, Coarse, C 127	\$	35	
Absorption, Fine, C 128	\$	35	
Clay Lumps and Friable Particles, C 142	\$	100	
Cleanliness Value, CT 227	\$	120	
Crushed Particles, CT 205	\$	140	
Durability, Coarse, CT 229	\$	130	
Durability, Fine, CT 229	\$	130	
Los Angeles Abrasion, C 131 or C 535	\$	180	
Mortar making properties of fine aggregate, C 87	\$	275	
Organic Impurities, C 40	\$	55	
Potential Reactivity of Aggregate (Chemical Method), C 289	\$	390	
Sand Equivalent, CT 217	\$	90	
Sieve Analysis, Coarse Aggregate, C 136	\$	105	
Sieve Analysis, Fine Aggregate (including wash), C 136	\$	105	
Sodium Sulfate Soundness (per size fraction), C 88	\$	160	
Specific Gravity, Coarse, C 127	\$	75	
Specific Gravity, Fine, C 128	\$	85	

Special preparation of standard test specimens will be charged at the technician's hourly rate.

Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

TABLE 1 - BREAKDOWN OF ESTIMATED FEE

FIELD OBSERVATION AND TESTING SERVICES						
Field Technician						
Earthwork/Embankment	2,000	hours	@	\$44.14	/hour	\$88,280.00
Structure Backfill/Trench Backfill	2,000	hours	@	\$44.14	/hour	\$88,280.00
Subgrade/Aggregate Base	3,000	hours	@	\$44.14	/hour	\$132,420.00
Asphalt Concrete	1,000	hours	@	\$44.14	/hour	\$44,140.00
Portland Cement Concrete	4,000	hours	@	\$44.14	/hour	\$176,560.00
Batch Plant Inspector	5,000	hours	@	\$45.92	/hour	\$229,600.00
Sample Pick Up	600	hours	@	\$44.14	/hour	\$26,484.00
Subtotal						\$785,764.00

Prevailing Wage Increases						
Field Technician Fiscal Year 2010-2011	4,000	hours	@	\$2.00	/hour	\$8,000.00
Field Technician Fiscal Year 2011-2012	4,000	hours	@	\$4.00	/hour	\$16,000.00
Field Technician Fiscal Year 2012-2013	4,000	hours	@	\$6.00	/hour	\$24,000.00
Field Technician Fiscal Year 2013-2014	2,000	hours	@	\$8.00	/hour	\$16,000.00
Subtotal						\$64,000.00

PROJECT COORDINATION, MEETINGS, AND TECHNICAL FIELD ASSISTANCE						
Principal Engineer/Geologist	400	hours	@	\$82.69	/hour	\$33,076.00
Project Manager	1,600	hours	@	\$68.27	/hour	\$109,232.00
Subtotal						\$142,308.00
Direct Labor						\$992,072.00
Indirect Cost @ 154%						\$1,527,790.88
Total Direct plus Indirect Cost						\$2,519,862.88
Profit @ 10%						\$251,986.29
Total Direct, Indirect, and Profit						\$2,771,849.17
OTHER DIRECT COST (ODC)						
Laboratory Testing (see Table 2)						\$629,450.00
Field Vehicle and Equipment Usage	17,600	hours	@	\$8.00	/hour	\$140,800.00
Overtime Contingency (10% of Field Hours)	1,760	hours	@	\$66.21	/hour	\$116,529.60
Subtotal (ODC):						\$886,779.60
TOTAL						\$3,658,628.77

TABLE 2 - LABORATORY TESTING ESTIMATED FEE

California Impact Test/Maximum Density	1,000	tests	@	\$180.00	/test	\$180,000.00
Expansion Index	40	tests	@	\$165.00	/test	\$6,600.00
Sieve Analysis	1,600	tests	@	\$105.00	/test	\$ 168,000.00
Sand Equivalent	600	tests	@	\$ 90.00	/test	\$ 54,000.00
Durability	40	tests	@	\$150.00	/test	\$ 6,000.00
R-Value	80	tests	@	\$250.00	/test	\$ 20,000.00
Cleaness Value	880	tests	@	\$120.00	/test	\$ 105,600.00
LA Abrasion	5	tests	@	\$180.00	/test	\$ 900.00
Soundness	10	tests	@	\$160.00	/test	\$ 1,600.00
Specific Gravity Fine Aggregates	10	tests	@	\$ 85.00	/test	\$ 850.00
Specific Gravity Coarse Aggregates	10	tests	@	\$ 75.00	/test	\$ 750.00
Absorbption Fine Aggregates	10	tests	@	\$ 35.00	/test	\$ 350.00
Absorbption Coarse Aggregates	10	tests	@	\$ 35.00	/test	\$ 350.00
Moisture	450	tests	@	\$ 30.00	/test	\$ 13,500.00
Extraction & Gradation	90	tests	@	\$215.00	/test	\$ 19,350.00
Maximum Theoretical Unit Weight	90	tests	@	\$120.00	/test	\$ 10,800.00
Unit Weight	90	tests	@	\$ 90.00	/test	\$ 8,100.00
Stability	20	tests	@	\$195.00	/test	\$ 3,900.00
Asphalt Concrete Mix Design Caltrans	4	reviews	@	\$2,200.00	/review	\$ 8,800.00
Cement Concrete Mix Design Review	10	reviews	@	\$140.00	/review	\$ 1,400.00
Compressive Strength (Concrete)	300	tests	@	\$ 22.00	/test	\$ 6,600.00
Flexural Strength (Concrete)	200	tests	@	\$ 60.00	/test	\$ 12,000.00
TOTAL						\$ 629,450.00

NORMAL
OVERTIME

Fringe Benefit %
22.00%
22.00%

Overhead %
0.00%
0.00%

General & Administration %
132.00%
132.00%

Combined %
154.00%
154.00%

10.0% FEE

BILLING INFORMATION

Name/Classification	Hourly Billing Rates			Effective Date of Hourly Rate		Actual/Average Hourly Rate	% or \$ Increase	Hourly Range for Class
	Straight	OT (1.5x)	OT (2.0x)	From	To			
Jalal Vakili / Principal Engineer	\$231.04	N/A	N/A	01-Jul-09	31-Dec-09	\$82.69		\$44.23 - \$82.69
	\$242.58	N/A	N/A	01-Jan-10	31-Dec-10	\$86.82	5.0%	
	\$254.70	N/A	N/A	01-Jan-11	31-Dec-11	\$91.16	5.0%	
	\$267.44	N/A	N/A	01-Jan-12	31-Dec-12	\$95.72	5.0%	
	\$280.82	N/A	N/A	01-Jan-13	31-Dec-13	\$100.51	5.0%	
Kurt Yoshii / Project Manager	\$190.75	N/A	N/A	01-Jul-09	31-Dec-09	\$68.27		\$31.25 - \$68.27
	\$200.27	N/A	N/A	01-Jan-10	31-Dec-10	\$71.68	5.0%	
	\$210.28	N/A	N/A	01-Jan-11	31-Dec-11	\$75.26	5.0%	
	\$220.78	N/A	N/A	01-Jan-12	31-Dec-12	\$79.02	5.0%	
	\$231.82	N/A	N/A	01-Jan-13	31-Dec-13	\$82.97	5.0%	
Batch Plant Inspector *	\$128.30	\$192.45	\$256.60	01-Jul-09	31-Dec-09	\$45.92		\$45.92 (*)
	\$133.89	\$200.83	\$267.78	01-Jan-10	31-Dec-10	\$47.92	*	
	\$139.48	\$209.21	\$278.95	01-Jan-11	31-Dec-11	\$49.92	*	
	\$145.06	\$217.60	\$290.13	01-Jan-12	31-Dec-12	\$51.92	*	
	\$150.65	\$225.98	\$301.30	01-Jan-13	31-Dec-13	\$53.92	*	
Materials Tester *	\$123.33	\$184.99	\$246.65	01-Jul-09	31-Dec-09	\$44.14		\$44.14 (*)
	\$128.92	\$193.37	\$257.83	01-Jan-10	31-Dec-10	\$46.14	*	
	\$134.50	\$201.75	\$269.01	01-Jan-11	31-Dec-11	\$48.14	*	
	\$140.09	\$210.14	\$280.18	01-Jan-12	31-Dec-12	\$50.14	*	
	\$145.68	\$218.52	\$291.36	01-Jan-13	31-Dec-13	\$52.14	*	
Word Processing/Administration	\$55.71	\$83.57	\$111.42	01-Jul-09	31-Dec-09	\$19.94		\$16.50-\$22.50
	\$58.51	\$87.76	\$117.01	01-Jan-10	31-Dec-10	\$20.94	5.0%	
	\$61.44	\$92.16	\$122.88	01-Jan-11	31-Dec-11	\$21.99	5.0%	
	\$64.51	\$96.77	\$129.03	01-Jan-12	31-Dec-12	\$23.09	5.0%	
	\$67.73	\$101.59	\$135.45	01-Jan-13	31-Dec-13	\$24.24	5.0%	

CALCULATION INFORMATION

1. Names and classifications of team members at a level of Professional/Supervisor must be listed. FOR ALL OTHER EMPLOYEES USE CLASSIFICATIONS ONLY.

2. For named employees enter the actual hourly rate. For classifications only, list the average hourly rate for that classification.

3. (*) Indicates prevailing wage position and actual rates determined by the Director of Industrial Relations on July 1 each year.

Classification	2009		2010		2011	
	Hourly Salary	Billing Rate**	Hourly Salary	Billing Rate**	Hourly Salary	Billing Rate**
Assistant Project Manager	\$ 66.83	\$ 186.72	\$ 70.17	\$ 196.06	\$ 73.68	\$ 205.86
Operations Manager	\$ 38.00	\$ 106.17	\$ 39.90	\$ 111.48	\$ 41.90	\$ 117.05
Laboratory Supervisor	\$ 28.83	\$ 80.55	\$ 30.27	\$ 84.58	\$ 31.79	\$ 88.81
Laboratory Technician/ Sample Pickup	\$ 24.95	\$ 69.71	\$ 26.20	\$ 73.20	\$ 27.51	\$ 76.86
Clerical/Administrative	\$ 20.00	\$ 55.88	\$ 21.00	\$ 58.67	\$ 22.05	\$ 61.61
Field Technician*	\$ 48.00	\$ 134.11	\$ 50.40	\$ 140.82	\$ 52.92	\$ 147.86
Field Technician OT*	\$ 72.00	\$ 201.17	\$ 75.60	\$ 211.23	\$ 79.38	\$ 221.79
Field Technician DT*	\$ 96.00	\$ 268.22	\$ 100.80	\$ 281.64	\$ 105.84	\$ 295.72

Classification	2012		2013	
	Hourly Salary	Billing Rate**	Hourly Salary	Billing Rate**
Assistant Project Manager	\$ 77.36	\$ 216.16	\$ 81.23	\$ 226.96
Operations Manager	\$ 43.99	\$ 122.91	\$ 46.19	\$ 129.05
Laboratory Supervisor	\$ 33.37	\$ 93.25	\$ 35.04	\$ 97.91
Laboratory Technician/ Sample Pickup	\$ 28.88	\$ 80.70	\$ 30.33	\$ 84.73
Clerical/Administrative	\$ 23.15	\$ 64.69	\$ 24.31	\$ 67.92
Field Technician*	\$ 55.57	\$ 155.25	\$ 58.34	\$ 163.01
Field Technician OT*	\$ 83.35	\$ 232.88	\$ 87.52	\$ 244.52
Field Technician DT*	\$ 111.13	\$ 310.50	\$ 116.69	\$ 326.03

*Prevailing Wage Rate

**Based on 1.54 OH rate and 10% fee

Assume field prevailing wage rates increase annually by 5% July 1 each year

Other salaries reviewed and increase annually on April 1 each year, 5% increase assumed

-
- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies
-

Minute Action

AGENDA ITEM: 9

Date: June 11, 2009

Subject: Amendment No. 1 to Contract No. 06-045 with David Evans and Associates, Inc. for Construction Surveying Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino

Recommendation:* Approve Amendment No. 1 to Contract No. 06-045 with David Evans and Associates, Inc. for Construction Surveying Services for Interstate 215 Segments 1 and 2 in the City of San Bernardino for an additional \$5,392,784.44 to increase the total contract value to \$6,694,503.44.

Background: This is an amendment to an existing contract. SANBAG executed a contract with David Evans and Associates, Inc. for construction surveying services for the I-215 5th Street Bridge project in 2006 for a total of \$1,301,719 of which \$118,338 was contingency. Within the scope of services was an option to add additional segments of the I-215 corridor as an amendment at a later date. Since the scope of this amendment is significantly larger than the original contract and there was an option as to whether to amend the David Evans and Associates, Inc. contract or recomplete the work, an agenda item was taken to the Board last year to confirm which direction to proceed. In April, 2008, the Board approved moving forward with an amendment to the existing contract with David Evans and Associates, Inc. for work on Interstate 215 Segments 1 and 2 instead of reCompleting for this additional work.

Construction on I-215 Segments 1 and 2 is currently scheduled to start in the fall of this year with the advertising period for this construction work already started in May, 2009. It is important to have the construction surveying consultant under contract prior to awarding a construction contract, so that the firm may have all plans and monuments in place and have adequate coordination time with the

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

construction management consultant before the general construction contractor starts its work. This amendment increases the base contract by \$4,953,175.79, utilizing unspent funds from the 5th Street project and adds \$439,608.65 in contingency. This brings the total base contract value to \$6,136,556.79 with a total contingency of \$557,946.65, none of which has yet been released.

The funding for this contract will be through State Regional Improvement Funds (RIP). Any additional contract changes required to be in compliance with the criteria for these funds will be reviewed and approved by legal counsel and incorporated into the final version of the document prior to Board approval.

- Financial Impact:*** Item is consistent with current Fiscal Year 2009/2010. TN 838
- Reviewed By:*** This item will be reviewed by the Major Projects Committee on June 11, 2009.
- Responsible Staff:*** Garry Cohoe, Director of Freeway Construction

by and between

San Bernardino County Transportation Authority

and

David Evans and Associates, Inc.

for

Construction Surveying Services for I-215 5th Street Overcrossing and Segments 1 and 2**FOR ACCOUNTING PURPOSES ONLY**

<input checked="" type="checkbox"/> Payable	Vendor Contract # _____	Retention:	<input type="checkbox"/> Original
<input type="checkbox"/> Receivable	Vendor ID _____	<input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Amendment

Notes:

Original Contract: \$ 1,183,381Previous Amendments Total: \$ 0Previous Amendments Contingency Total: \$ 0Contingency Amount: \$ 118,338Current Amendment: \$ 4,953,175.79Current Amendment Contingency: \$ 439,608.65

Contingency Amount requires specific authorization by Task Manager prior to release.

Contract TOTAL → \$ 6,694,503.44

↓ Please include funding allocation for the original contract or the amendment.

<u>Task</u>	<u>Cost Code</u>	<u>Funding Sources</u>	<u>Grant ID</u>	<u>Amounts</u>
<u>838</u>	<u>5553</u>	<u>RIP</u>	_____	\$ <u>5,392,784.44</u>
_____	_____	_____	_____	\$ _____

Original Board Approved Contract Date: 11/1/06Contract Start: 11/1/06Contract End: 1/1/10New Amend. Approval (Board) Date: 7/1/09Amend. Start: 7/1/09Amend. End: 1/15/14**If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:****Approved Budget Authority →**Fiscal Year: 09/10\$ 1,700,000**Future Fiscal Year(s) –
Unbudgeted Obligation →**\$ 3,692,784.44Is this consistent with the adopted budget? ☒ Yes ☐ NoIf yes, which Task includes budget authority? 8386045If no, has the budget amendment been submitted? ☐ Yes ☐ No**CONTRACT MANAGEMENT****Please mark an "X" next to all that apply:**☐ Intergovernmental ☒ Private ☐ Non-Local ☒ Local ☐ Partly LocalDisadvantaged Business Enterprise: ☒ No ☐ Yes _____ %Task Manager: Garry CohoeContract Manager: Dennis Saylor

Task Manager Signature

Date

Contract Manager Signature

Date

Chief Financial Officer Signature

Date

AMENDMENT NO. 1
AGREEMENT BETWEEN
SAN BERNARDINO ASSOCIATED GOVERNMENTS/
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
AND
DAVID EVANS AND ASSOCIATES
FOR
CONSTRUCTION SURVEYING SERVICES, INTERSTATE 215 5TH STREET
BRIDGE AND SEGMENTS 1 AND 2

This AMENDMENT NO. 1 to CONTRACT NO. 06-045 entered into as of this First day of July, 2009, by the firm of David Evans and Associates (hereafter called CONSULTANT) and San Bernardino Associated Governments/San Bernardino County Transportation Authority (hereafter called SANBAG):

WITNESSETH:

WHEREAS, SANBAG, under SANBAG Contract No. 06-045 has engaged the services of CONSULTANT to provide Construction Surveying Services for the I-215, 5th Street Overcrossing Project with an option to provide the same services on other portions of the corridor; and

WHEREAS, the construction of I-215 Segments 1 and 2 is anticipated to start later this year and construction surveying is required for this new work effort; and

WHEREAS, SANBAG desires to exercise its option to have CONSULTANT perform construction surveying services for I-215 Segments 1 and 2; and

WHEREAS, the duration of these activities will extend beyond the current completion date of the existing contract.

NOW THEREFORE, the parties hereto do mutually agree to amend Contract No. 06-045 as follows:

1. Revise Article 1, Description of Services, to add Attachment "C" to the Services to be performed by CONSULTANT.

2. Replace Article 2.1, with the following:

“The Period of Performance by CONSULTANT under this Contract shall commence on November 1, 2006 and shall continue in effect until January 15, 2014 or until otherwise terminated or canceled as hereinafter directed, or unless extended by direction of SANBAG”.

3. Under Article 3, Contract Price and Principles, revise Section 3.2 to read as follows:

The total cost shall not exceed \$6,136,556.99 with a contingency of \$557,946.65 for a total contract cost of \$6,694,503.44. Services to be provided under the terms of this contract are to be provided on an as needed basis and compensated for as set forth in Attachment “A” for the 5th Street Overcrossing work and Attachment “C” for the work on Segments 1 and 2 which are incorporated herein by reference. Utilization of the contingency is not permitted unless directed in writing by SANBAG Project Manager. CONSULTANT’S fee for services is included in the total estimated contract cost and shall be based on a fixed percentage rate, as noted in Attachment “B” for the 5th Street Overcrossing and Attachment “C” for the work on Segments 1 and 2. CONSULTANT’s fee will be paid by SANBAG on an earned basis as set forth in Section 6.5.

4. Under Article 3, Contract Price and Principles, revise Section 3.3 to read as follows:

CONSULTANT’S overhead rates will be fixed, as agreed upon in Attachment “B” for the 5th Street Overcrossing and Attachment “C” for Segments 1 and 2 for the duration. The fixed overhead rates will not be subject to adjustment. Overtime and premium rates are not permitted without prior authorization from SANBAG.

5. Under Article 3, Contract Price and Principles, revise the first sentence of Section 3.6 to read as follows:

Any Services provided by the CONSULTANT not specifically covered by the Scope of Services (Attachment “A” for 5th Street Overcrossing and Attachment “C” for Segments 1 and 2) shall not be compensated without prior written authorization from SANBAG.

6. Under Article 7, add section 7.3 as follows:

The Cost Proposal for this project is subject to a post award audit. After any post award audit recommendations are received the Cost Proposal shall be adjusted by the Consultant and approved by the Contract Manager to conform to the audit recommendations. The Consultant agrees that individual items of cost identified in the audit report may be incorporated into the Agreement (Project Contract) at SANBAG’s sole discretion. Refusal by the Consultant to incorporate the audit or post award recommendations will be considered a breach of the Agreement terms and cause for termination of the Contract.

7. Except as amended by this Amendment, all other provisions of Contract No. 06-045 shall remain in full force and effect.

IN WITNESS THEREOF, the authorized parties have below signed:

**DAVID EVANS
AND ASSOCIATES, INC.**

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

By: _____

By: _____

Paul Eaton, President
SANBAG Board of Directors

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____

Jean-Rene Basle
SANBAG Counsel

Contract 06-045 Amendment 1 ATTACHMENT “C”

**SCOPE OF SERVICES FOR
CONSTRUCTION SURVEYING**

I-215 5th Street Overcrossing Project and Other Potential Portions of I-215

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A. General Description

San Bernardino Associated Governments (SANBAG) requires Construction Surveying services to support construction of the Interstate 215 projects in San Bernardino County. The scope of services is divided into two separate sections. The first section is considered the initial scope of work for this contract, the second section consists of an add-on that may or may not be incorporated into the scope of work for this contract. The disposition of the second section of work will be evaluated and decided upon by SANBAG at a later date.

The first section is known as the I-215 5th Street Overcrossing (OC) Project Construction Contract. The Construction Contract includes construction of the 5th Street Overcrossing and adjacent roadway work. The project is described in more detail below.

The second section is known as Alternate A, Mainline Contracts. This potential add-on is for Construction Surveying services for Interstate 215 mainline segment project(s). These projects are described in more detail below.

SECTION ONE: I-215 5TH STREET OVERCROSSING (OC) PROJECT

The Interstate 215 Freeway Project is an existing freeway with mainline and interchange improvements developed by SANBAG in cooperation with the California Department of Transportation (Caltrans - District 8). The route extends through the City of San Bernardino from Interstate 10 through to existing State Route 30, new SR 210. Within the project corridor, the freeway project has been divided into four freeway segments. Within Segment One, an early bridge project is being constructed prior to the mainline segment. This early bridge project and adjacent roadway work is the 5th Street OC Project. The 5th Street OC Project is the first project to go out to construction. SANBAG is responsible for design and construction of this project. The 5th Street OC Project will consist of replacing the existing bridge over the existing freeway and railroad tracks and constructing a new bridge over both freeway and railroad in 2 stages. The new bridge and the roadway approaches will be constructed over an approximately 2 and ½ year period that will potentially overlap with Segment 3 and Segment 1 mainline work.

The total value of construction for this early bridge work is approximately \$23 Million (State and Measure I Funding will be utilized). This project and the mainline contracts below will be constructed under Caltrans Encroachment Permits.

SECTION TWO: ALTERNATE A, MAINLINE CONTRACTS

Construction Surveying services for some or all of the Interstate 215 mainline construction contracts is a potential add-on for this contract and constitutes *Alternate A*. These mainline contracts are described in more detail below.

Interstate 215, Segment One Mainline Contract:

- Construction of the Segment 1 Mainline and remaining structures.
 - Segment 1 is approximately 1.9 kilometers (1.1 miles) long. The freeway will consist of four (4) mixed flow lanes and one (1) high occupancy vehicle (HOV) lane in each direction. The limits of this project extend from south of Rialto

Avenue to south of Ninth Street within the City of San Bernardino.

- Construction of a new undercrossing structure at 2nd Street and 3rd Street along with bridge widenings and ramp bridges, sound walls, drainage improvements, and local street improvements.

Interstate 215, Segment Two Mainline Contract:

- Construction of the I-215 Segment 2 mainline and structures
 - Segment 2 is approximately 2.1 kilometers (1.3 miles) long. The freeway will consist of four (4) mixed flow lanes and one (1) high occupancy vehicle (HOV) lane in each direction. The limits of this project extend from south of Ninth Street to south of Massachusetts Avenue within the City of San Bernardino.
 - Construction of new overcrossing structures at Ninth Street, Baseline, 16th Street over the freeway and the adjacent BNSF railroad tracks, and a reconfigured I-215/SR 259 interchange.

It is anticipated that the mainline projects for Segments 1 and 2 of Interstate 215 will be constructed as described above. The following is the currently anticipated schedule for these segments:

Fifth Street OC: (Design/Construct By SANBAG)	Design complete:	March, 2006
	RTL:	September, 2006
	Start Construction:	February, 2007
	End Construction:	April, 2009
Segment 1: (Design by SANBAG)	Design complete:	May, 2007
	RTL:	April, 2009
	Start Construction:	August, 2009
	End Construction:	August, 2013
Segment 2: (Design by SANBAG)	Design complete:	May, 2008
	RTL:	April, 2009
	Start Construction:	August, 2009
	End Construction:	August, 2013

These segments will overlap in their construction schedules. The total value of construction for this work is approximately \$425 Million (Combinations of Federal, State and Measure I Funding will be utilized).

The 5th Street OC Project and Alternate A, as described by the plans and specifications, shall include construction of roadways, bridges, drainage facilities, retaining walls, and in some cases, sound walls. CONSULTANT will provide qualified personnel to perform a wide variety of Construction Surveying duties as outlined in this scope of services, Caltrans Quality Assurance Program Manual, and the Caltrans Survey Manual. CONSULTANT personnel will be assigned to the construction field office and will provide assistance to and work under the direction of SANBAG Resident Engineers.

The SANBAG Contract Manager for this contract will be:

Mr. Garry Cohoe
Director of Freeway Construction

SANBAG has selected Fluor Daniel as Program Manager for the Measure I Valley Major Projects. This Project is part of that program. As part of the overall SANBAG/Fluor Program Management staff, SANBAG has also designated a Construction Manager and several Segment Managers to coordinate all construction activities. The CONSULTANT shall report to and receive direction from SANBAG through the Contract Manager, or his designees. The SANBAG Construction Manager is responsible for coordination of all SANBAG construction activities and for coordinating the efforts of the total construction team. The SANBAG Segment Managers will be the main contact and primary source of information between SANBAG, Caltrans, cities, outside agencies, supporting consultants and the public for the individual construction projects.

B. Personnel and Performance Requirements

CONSULTANT will furnish a Project Manager to coordinate CONSULTANT operations with Caltrans and SANBAG. The Project Manager will be responsible for all matters related to CONSULTANT personnel and operations. Personnel qualifications and responsibilities are listed in the last section of the Scope of Services.

CONSULTANT will furnish surveying crew(s) to perform construction surveys for the projects. The number of survey crew(s) assigned to the project will vary throughout the duration of the construction contract. It is anticipated that a minimum of one (1) survey crew will be required throughout the construction. Additional crews may be required to provide support for construction activities. CONSULTANT will be notified in advance of a change in project requirements. The duration of assignments could vary from a minimum of a few days to the full term of the project. CONSULTANT personnel will be assigned as needed by the Resident Engineer(s) to meet the schedule of the construction contractor.

It is the intent of SANBAG and Caltrans to maintain a consistency of construction survey quality throughout each phase of the project. Therefore, CONSULTANT is encouraged to provide the same field personnel for the duration of construction. It is important that the Field Party Chief(s) assigned to the project be completely familiar with the survey requirements and the assignments for the project.

Resident Engineers will have the authority to increase, reduce, or eliminate CONSULTANT hours dependent on the schedule and the requirements of the construction contractor. On days when work is not performed by the construction contractor, such as rainy or unsuitable weather days, CONSULTANT will not provide services unless authorized by the Resident Engineer. When possible, the Resident Engineer will provide 8 hours advance notice if CONSULTANT services are not required.

Construction surveying will not be performed when conditions such as weather, traffic, and other factors prevent safe and efficient operation.

Resumes of CONSULTANT personnel and certification must be submitted to SANBAG for review. CONSULTANT personnel must be approved by SANBAG prior to assignment to a project. SANBAG and CONSULTANT will have the responsibility of determining the quality and quantity of work performed by CONSULTANT personnel. If, at any time, the level of performance by CONSULTANT personnel is below expectations, SANBAG may release the survey crew member and request that another be assigned (as needed).

If CONSULTANT's survey crew personnel assigned to the project is on a leave of absence, the Project Manager will provide an equally qualified replacement(s) until the original employee(s) returns to work. The replacement will be required to meet all the requirements of the permanently assigned employee.

All personnel will be knowledgeable of, and comply with, all applicable local, Caltrans, and federal regulations; cooperate and consult with SANBAG and Caltrans officials during the course of the contract; and perform other duties as may be required to assure that the construction is being performed in accordance with the project plans and specifications. CONSULTANT's personnel will keep records and document the work as directed by SANBAG's Resident Engineers.

CONSULTANT will assist in obtaining compliance with the labor standards provisions of the projects and the related wage determination decisions of the Secretary of Labor.

CONSULTANT personnel will assist SANBAG, City, and Caltrans in obtaining compliance with the safety and accident prevention provisions of the projects. City and Caltrans will retain jurisdictional control for traffic control.

CONSULTANT will assist SANBAG and/or Caltrans in obtaining compliance with the equal opportunity provisions of the projects.

All services required hereunder will be performed in accordance with Caltrans regulations, policies, procedures, manuals, and standards.

C. Descriptions of Required Services

CONSULTANT shall perform construction surveying services, field calculations, and home office calculations to support construction of the projects. CONSULTANT may be requested to review available survey data, construction plans, and right-of-way plans to confirm compatibility and to identify discrepancies prior to and during construction of proposed projects. The Resident Engineer will assign survey work to the CONSULTANT by issuing a "Request for Survey Services". Requests may include, but not be limited to, the following types of surveys and related services:

I. Construction Surveys

CONSULTANT shall assist the Resident Engineer in all phases of construction staking and calculations as needed.

- a. Survey calculations and adjustments shall be performed with established and computed coordinates based on the California Coordinate System.
- b. Cross-section data collection shall be performed by conventional and terrain line interpolation survey methods.
- c. Survey data will include topography, cross-section, and other survey data in computer formats compatible with the Caltrans computer survey and design systems.
- d. Prepare and maintain survey documents. Survey documents include survey field notes, maps, drawings, and other survey documents.
- e. Perform construction staking, including but not limited to:
 - Utility relocations.
 - Clearing limits.
 - Slope staking.
 - Storm drain, sanitary sewer, and irrigation systems.
 - Drainage structures.
 - Curbs, gutters, and sidewalk.
 - Horizontal and vertical control for structures and portions of structures (bents, abutments, wingwalls, etc.).
 - Rough grade.
 - Finish grade.
- f. Monitor for settlement if required.
- g. Global Positioning Satellite (GPS) equipment shall be made available if required by SANBAG.

II. Grid Grades

Grid grade data shall provide pavement elevations at the station line, the left edge of pavement, the right edge of pavement, and the right edge of travel way at 25 foot intervals for travel lanes.

III. Open Ended Traverses and Profile Data Sheets

Separate open-ended traverse calculations and point maps shall depict plan data for station lines, utility lines, wall layout lines, and abutment/bent alignment. Specific information to be shown will be part numbers, coordinates, bearings, and curve data.

Profile data sheets are required for all profiles shown on the plans identifying vertical design elements such as grade, point of intersection (PI) location, beginning of vertical curve (BVC) location, end of vertical curve (EVC) location, and curve length.

IV. Three Line Profiles

Separate profile plots are required for the left edge of pavement, the right edge of pavement, and the edge of shoulder for all travel lanes.

V. Right of Way Lines

a. Existing right of way and easements will be established from Caltrans' record information and existing monumentation.

- Right of way monumentation shall be renewed and restored in accordance with Section 10.4 of the Caltrans "Survey Manual" and the State of California Land Surveyor's Act.
- Corner records and records of surveys shall be prepared and filed in accordance with Chapter 10 of the "Caltrans Surveys Manual" and the State of California Land Surveyor's Act.
- Perpetuate existing monumentation.

Includes restoring, renewing, referencing, and resetting existing boundary related monumentation. In addition, stake areas where construction disturbs the existing right of way, preparing and filing required maps and records.

b. New right of way and easements will be established from plans, right of way maps, utility drawings, and Caltrans record information, and existing monumentation.

- Right of Way Surveys

Includes research and preparation filing of required maps and records. In addition, locate and set monuments for right of way and easement lines, staking for right of way and easement fences.

- Final monumentation

Includes setting of centerline points of control upon completion of construction.

VI. Special Design – Data Surveys

Includes drainage, utility, and surveys required for special field studies.

VII. Control Survey

Includes project control surveys, aerial mapping control surveys, horizontal and vertical control surveys. In addition control surveys will include restoration, renewal, reference, relocation, and resetting of existing control monumentation. The CONSULTANT will be required to provide horizontal and vertical control at the end of each bridge.

VIII. Topographic Surveys

Topographic surveys will normally be compiled by ground survey methods only.

D. Standards

All surveys shall be performed in accordance with the current Caltrans "Survey Manual" and its revisions, as well as Caltrans District 8 "Standard Staking Procedures Manual". Work not covered by the manuals shall be performed in accordance with Caltrans direction and accepted professional surveying standards.

Surveys performed by CONSULTANT shall conform to the requirements of the Land Surveyor's Act. In accordance with the Land Surveyor's Act, "responsible charge" for the work shall reside with the Licensed Land Surveyor or a pre-January 1, 1982, Registered Professional Civil Engineer in the State of California.

Unless otherwise specified in the survey request, control surveys shall conform to second order (modified) accuracy standards as specified in the Caltrans "Survey Manual".

Additional standards for specific survey work may be included in the applicable request for survey. Such standards supplement the standards specified herein. If additional standards conflict with the standards specified herein, the "Survey Request's" standard shall govern.

The Resident Engineer and SANBAG shall decide all questions that may arise as to the quality or acceptability of work performed and deliverables furnished under this contract.

E. Availability and Work Hours

The typical workday includes all hours worked by SANBAG's construction contractor. The construction contractor's operations may be restricted to specific hours during the week. In such cases, the contractor's hours will become the normal workday for CONSULTANT personnel. On days when work is not performed by the construction contractor (rainy or unsuitable weather days) CONSULTANT will not provide services unless authorized by the Resident Engineer. When possible, the Resident Engineer will provide eight (8) hours advance notice if CONSULTANT services are not required.

Unless otherwise directed by SANBAG, the normal workweek will consist of forty (40) hours. In some cases, overtime may be required. However, overtime will only be worked when approved by SANBAG. Most construction survey work will be required on an as needed basis as outlined in the "Survey Request".

Once the "Notice to Proceed" is issued, CONSULTANT will immediately begin all construction surveying. Once services begin, CONSULTANT will proceed diligently until all required services have been satisfactorily completed.

Construction surveying will not be performed when conditions (such as weather, traffic, and other factors) prevent safe, efficient operations.

F. Equipment and Materials Provided by Consultant

CONSULTANT and staff shall have adequate equipment and supplies to complete the required survey work. Equipment and supplies shall, include, but not be limited to:

a. Survey vehicles:

Survey vehicles will be suitable to perform the required work in varying terrain and conditions encountered on the project. Vehicles shall be fully equipped with all necessary tools, instruments, supplies, and safety equipment required to perform the work accurately, efficiently, and safely. Vehicles shall be equipped with a flashing yellow beacon light.

b. Data Processing Systems:

Data processing systems shall include hardware and software to:

- Performing survey and staking calculations from the design plans and specifications;
- Reduce survey data collected with conventional and total station survey systems;
- Perform network adjustments for horizontal and vertical control surveys;
- Format survey data to be compatible with the Caltrans computer survey and data system.

c. Drafting equipment and supplies.

d. Digital calculators.

e. Hand tools as appropriate for the requested survey work.

f. Traffic cones (minimum 25). Traffic cones shall be 28 inches in height (minimum).

g. Traffic control devices as required to perform the requested survey work. Traffic control devices include signs, sign bases, flags, and hand held signs.

h. Leveling instruments and equipment:

- Self-leveling level. Precision: standard deviation in one mile of double run leveling 0.005 feet or less.
- Suitable level rods for the work to be performed.

i. Distance measuring instruments and equipment:

- Electronic distance measurer (EDM). Precision: standard deviation 3 mm plus 3 PPM, or less; Range: Minimum one mile under average atmospheric conditions.
- Prisms, sufficient to perform the required work.
- Tapes; steel, cloth.

j. Angle measuring instruments and equipment:

- Theodolite for non-control surveys; Precision: direct circle reading to three seconds, or equivalent, horizontal and vertical.
- Targets as required to perform the work.

k. When required for efficient survey operations, total station survey systems consisting of an electronic angle measuring instrument, EDM, and electronic data collector shall

be provided. The angle measuring instruments and EDM shall conform to the requirements for the equipment previously listed.

- l. Radio or cellular communications equipment for communication between field office and field crews.
- m. Caltrans manuals, standards, forms, and other policies and procedures to be followed to perform the required work.

G. Materials Provided by SANBAG/Caltrans:

SANBAG/Caltrans will provide CONSULTANT with the following:

- a. Approved project plans and special provisions for the project.
- b. Magnetic SANBAG logos to be affixed to CONSULTANT vehicles.

H. Basis for Consultant's Survey

SANBAG will designate the existing horizontal and vertical control monuments that are the basis of CONSULTANT performed surveys. SANBAG will provide the California Coordinate System values and/or elevation values for these monuments. CONSULTANT shall adjust CONSULTANT performed surveys to be the designated control monuments and the values.

I. Survey Safety

In addition to the requirements specified elsewhere in this contract, the following shall apply:

- a. CONSULTANT will conform to the safety provisions of the Caltrans "Construction Manual".
- b. CONSULTANT personnel shall wear proper Personal Protective Equipment (PPE) at all times while working in the field. Minimum PPE for the project is as follows:
 - Hard hat with proper suspension.
 - Orange vest with reflective tape.
 - Sleeved shirt.
 - Long pants.
 - Leather boots with ankle support and rubber soles.
- c. CONSULTANT will provide appropriate safety training for all CONSULTANT personnel. Training should include information on safety when working on or near highways.
- d. All safety equipment shall be provided by CONSULTANT.

J. Monument Markings

Monuments established by CONSULTANT shall be marked by CONSULTANT with Caltrans furnished disks, plugs, tags. In addition, CONSULTANT shall identify CONSULTANT established monuments by tagging or stamping the monuments with the license or registration number of CONSULTANT'S surveyor who is in "responsible charge" of the work.

K. Deliverables

Unless otherwise specified in the survey request, the deliverables shall conform to the following:

- a. Survey points, lines, and monuments shall be established, marked, identified, and referenced as required by survey request and requirements herein.
- b. Survey notes, drawings, calculations, and other survey documents and information shall be completed as required by the survey request and the requirements herein.
- c. All original survey documents resulting from this contract, including original field notes, adjustment calculations, final results, and appropriate intermediate documents, shall be delivered to the Resident Engineer and shall become the property of SANBAG. A copy of all survey documents furnished by SANBAG shall be retained by CONSULTANT for future reference.

When the survey is performed with a total station survey system, the original field notes shall be a hard copy in a readable format of the data (observations) as originally collected and submitted by the survey party. The hard copy shall be signed by the Party Chief. If the Party Chief is not licensed, the person in "responsible charge" will be required to sign.

- d. Deliverables to the Resident Engineer shall follow the format specified below:
 - Horizontal Control
 - Alpha numeric hard copy point listing with adjusted California Coordinate System northing and eastings and the appropriate descriptions.
 - Vertical Control
 - Alpha numeric hard copy benchmark listing with adjusted elevations compatible with the design datum.
 - Topography
 - Alpha numeric hard copy listing, hard copy drawing, and computer aided drawing and design (CADD) digital drawing. The CADD drawing shall be provided on magnetic tape or disks in Intergraph IGDS version 8.8 format. Tapes and disks shall be compatible with Caltrans computer system. Topography symbology shall conform to the Caltrans "Drafting and Plan Manual".
 - Cross – Section Data

Data collection method used to collect cross-section data and the coding (feature description) of terrain data for cross-sections shall conform to the survey request requirements. Deliverables shall depend on the data collection method as follows:

1. Conventional Cross – Sections (each cross – section):

For each cross - section and alpha numeric listing, a hard copy drawing, and a computer formatted file compatible with the Caltrans computer system. Computer formatted cross – sections shall be provided on magnetic tapes or disks compatible with the Caltrans computer system.

2. Terrain Line Interpolation Cross – Section Data (each terrain line interpolation survey):

Terrain line interpolation cross – sections shall include an alpha numeric listing, a hard copy plan view drawing of the terrain lines, and a computer input file. The computer input file shall be provided on magnetic tape or disks and shall be in a format compatible with the Caltrans Terrain Line Interpolation computer program.

e. Data Collector Data

If specified in the survey request, the raw data from the data collector shall be provided in a format conforming to the survey request requirements

f. Other

As specified in the survey request.

L. Personnel Qualifications and Responsibilities

CONSULTANT personnel shall be capable of performing the types of surveying work described above in "Description of Required Services" with minimal instruction.

a. Project Manager

Minimum qualifications for the position of Project Manager shall be as follows:

- Four (4) years project management experience on similar highway construction projects.
- Licensed Surveyor or pre-January 1, 1982, Registered Professional Engineer in the State of California.
- Ability to use typical computer programs for word processing and spreadsheets.
- Accessible to the Resident Engineer and SANBAG at all times during normal working hours as specified in this Scope of Services.

Under the direction of the Resident Engineer and SANBAG the project manager will be responsible for:

- Review, monitor, train, and provide general direction for CONSULTANT survey personnel.
- Assign personnel to projects on an as-needed basis.
- Administer personal leave, subject to approval of the Resident Engineer.
- Prepare monthly reports for delivery to the SANBAG project manager.

b. Field Party Chiefs

- Minimum qualifications for the position of Party Chief shall meet at least one of the following licensing requirements:
 1. A licensed Land Surveyor in the State of California.
 2. A pre-January 1, 1982, Registered Professional Civil Engineer in the State of California
 3. An experienced surveyor who serves as chief under the direction or supervision of a person who is a licensed Land Surveyor or pre-January 1, 1982, Registered Professional Civil Engineer in the State of California. The direction or supervision shall place the supervisor in "responsible charge" of the work. "Responsible Charge" is defined in Chapter 15 of the Business and Professions Code (the Land Surveyor's Act) and Title 16, Chapter 5, of the California Administrative Code (regulations adopted by the Board of Registration for Professional Engineers and Land Surveyors).
- Two (2) years survey experience on similar highway construction projects.
- Thorough knowledge of construction survey practices and the ability to read and interpret plans and specifications.
- Ability to make effective decisions concerning field problems and work in progress.
- Familiarity with typical coordinate geometry computer programs.
- Familiarity with safety requirements for surveying near traffic.

Under the direction of the Resident Engineer, the Party Chiefs will assume the following responsibilities:

- Perform construction staking services for highway construction.
- Administer day to day activities for the survey party.
- Perform analytical survey calculations for items such as grading, horizontal and vertical control, right of way, and minor in-field design.
- Maintain continuous communication with the Resident Engineer, field personnel, and construction administration staff.

c. Survey Crews

Minimum qualifications for survey crew members shall be as follows:

- One (1) year survey experience on similar highway construction projects.
- Fundamental knowledge of construction survey practices and the ability to read and interpret plans and specifications.
- Ability to assist Party Chiefs and office personnel in all required surveying work.
- One survey crew member must have the ability to assume temporary leadership of the survey party in the absence of the Party Chief.

Under the direction of the Resident Engineer and the Party Chief, the survey crew members will assume the following responsibilities:

- Perform basic calculations to support highway construction staking.
- Maintain continuous communication with Party Chiefs and office personnel.

SANBAG
Alternate A Mainline Contract Staffing Plan
David Evans and Associates, Inc.

May 12, 2009

David Evans and Associates, Inc.																											
Segment 1 Mainline				2009				2010				2011				2012				2013							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Total	Rate	Labor	10% Fee	Total	
Project Manager				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	390	85.00	33,150.00	57,913.05	9,106.31	100,169.36
QA/QC Manager				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	390	85.00	25,350.00	44,293.65	6,963.65	76,600.10
PLS Party Chief				50%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	3,536	48.00	173,264.00	302,692.21	47,586.62	523,551.83
Certified Party Chief				90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	7,020	42.00	328,940.00	576,405.18	90,534.52	996,979.70
Sr. Chairman				75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	5,850	47.00	245,700.00	429,237.90	67,493.79	742,431.69
Office Support				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	390	50.00	19,500.00	34,066.50	5,356.65	58,923.15
Segment 2 Mainline																											
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Total	Rate	Labor	OH	Fee	Total
Project Manager				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	442	85.00	37,570.00	65,834.79	10,320.48	113,525.27
QA/QC Manager				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	442	85.00	28,730.00	50,191.31	7,892.13	86,813.44
PLS Party Chief				50%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%	4,316	49.00	211,484.00	389,462.55	58,094.65	639,041.20
Certified Party Chief				90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	7,800	47.00	366,800.00	640,450.20	100,705.02	1,107,755.22
Sr. Chairman				75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	6,830	42.00	278,480.00	496,469.62	76,492.96	841,422.58
Office Support				5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	478	50.00	23,910.80	41,772.34	6,568.32	72,251.57
2,498,655.82																											
Total																											
2,498,655.82																											
Total																											
2,860,809.28																											

Alternate A summary of hours:

Project Manager
QA/QC Manager
PLS Party Chief
Certified Party Chief
Sr. Chairman
Office Support

Mileage 400,000 at \$.55/mile

832	220,000.00
832	
7,952	
14,820	
12,480	
968	
Grand Total	5,579,465.10

The percentages and labor classifications used in this document are for budgeting purposes and may not reflect the actual time or labor classification used in performing the work. David Evans and Associates, Inc. audited overhead rate to be used for this contract is 174.70%.

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 10

Date: June 11, 2009

Subject: Cooperative Agreement No. C09-216 with the City of San Bernardino for reimbursement of sewer relocation design work for Interstate 215 Segments 1, 2 and 5 in the City of San Bernardino

Recommendation:* Approve Cooperative Agreement No. C09-216 with the City of San Bernardino for reimbursement of sewer relocation design work for Interstate 215 Segments 1, 2, and 5 in the City of San Bernardino.

Background: This is a new cooperative agreement with the City of San Bernardino. SANBAG has a design contract with AECOM to prepare the plans, specifications, and estimate for the Interstate 215 (I-215) Segments 1 and 2 project as well as a similar design contract for the I-215 Segment 5 project. AECOM's contract work includes identifying utilities that need to be relocated. The various utility companies are notified when they have facilities that needed to be relocated, and these companies prepare relocation plans which are then reviewed by AECOM to confirm that they no longer interfere with the new I-215 work. For the most part, the cost of utility relocation design and construction is covered under utility agreements between the utility companies and Caltrans, who has acted as utility coordinator for the I-215 corridor. In the case of the sewer facilities, the utility company is the City of San Bernardino. Due to a variety of factors, there were delays in getting a utility agreement executed between Caltrans and the City of San Bernardino. In order to keep the overall project schedules on track, SANBAG staff coordinated with the City of San Bernardino staff to have AECOM execute the design of the sewer relocations through the contingency remaining in the SANBAG design contracts with an option to then submit these costs later for reimbursement from the City once they had their reimbursement agreement in place with Caltrans. Since the City of San Bernardino has now

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Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

executed a utility agreement with Caltrans and the actual work associated with the relocations has been more extensive than originally estimated, this new cooperative agreement is now being exercised whereby SANBAG will request reimbursement from the City of San Bernardino for the relocation design work of AECOM. The City of San Bernardino is now able to submit those costs to Caltrans for reimbursement through its utility agreement with Caltrans. The cost for the relocation design work for the three segments is estimated at \$300,000.

In conjunction with this agenda item for the cooperative agreement with the City of San Bernardino, a contract amendment with AECOM is also being submitted for approval. The contract amendment for the I-215 Segment 1 and 2 will be for the sewer relocation design and will be funded through this cooperative agreement.

Financial Impact: Item is consistent with current Fiscal Year 2009/2010. TN 834

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

SANBAG Contract No. C09216

by and between

San Bernardino County Transportation Authority

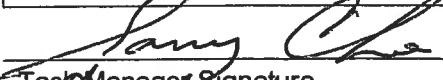

and

City of San Bernardino

for

Cooperative Agreement for I-215 Segments 1, 2, and 5 Sewer Relocation Design Work

FOR ACCOUNTING PURPOSES ONLY				
<input type="checkbox"/> Payable <input checked="" type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes % <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	
Notes: Cooperative Agreement specifies reimbursement for consultant sewer relocation work				
Original Contract: \$ <u>300,000.00</u> Contingency Amount: \$ _____	Previous Amendments Total: \$ _____ Previous Amendments Contingency Total: \$ _____ Current Amendment: \$ _____ Current Amendment Contingency: \$ _____ Contingency Amount requires specific authorization by Task Manager prior to release.			
Contract TOTAL →			\$ 300,000.00	
↓ Please include funding allocation for the original contract or the amendment.				
Task	Cost Code	Funding Sources	Grant ID	Amounts
834	5553	City of San Bernardino	_____	\$ 300,000
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: <u>7/1/09</u> Contract Start: <u>7/1/09</u> Contract End: <u>12/31/09</u> New Amend. Approval (Board) Date: _____ Amend. Start: _____ Amend. End: _____				
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: <u>09/10</u> \$ <u>300,000</u>		Future Fiscal Year(s) – Unbudgeted Obligation →	\$ _____
Is this consistent with the adopted budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, which Task includes budget authority? 834 If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input checked="" type="checkbox"/> Intergovernmental <input type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____%				
Task Manager: Garry Cohoe			Contract Manager: Dennis Saylor	


 Task Manager Signature Date 6/8/09

 Chief Financial Officer Signature Date 6/9/09


 Contract Manager Signature Date 6/8/09

CONTRACT C09-216
COOPERATIVE AGREEMENT
BETWEEN
**SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY/
SAN BERNARDINO ASSOCIATED GOVERNMENTS**
AND CITY OF SAN BERNARDINO
FOR THE
**INTERSTATE 215 SEGMENTS 1, 2, AND 5 SEWER RELOCATION DESIGN
WORK**

This Cooperative Agreement is made and entered into this 1st day of July, 2009 (herein referred to as AGREEMENT), by and between the City of San Bernardino (herein referred to as CITY), and the San Bernardino County Transportation Authority/San Bernardino Associated Governments (herein referred to as SANBAG). This AGREEMENT defines specific SANBAG and CITY tasks and responsibilities for the development of sewer relocation plans associated with the Interstate 215 realignment and reconstruction project through the City of San Bernardino (herein referred to as the PROJECT).

Witnesseth

WHEREAS, the PROJECT consists of realigning and reconstructing the Interstate 215 corridor through the City of San Bernardino; and

WHEREAS, construction of the PROJECT will require relocation of certain City sewer facilities due to the realignment and reconstruction of the PROJECT improvements; and

WHEREAS, SANBAG has a consultant under contract for developing the plans, specifications, and estimates (PS&E) for the PROJECT improvements and this consultant is therefore familiar with the PROJECT impacts on the City sewer facilities; and

WHEREAS, SANBAG's consultant for preparation of the PS&E is also capable of coordinating with the CITY and executing the preparation of a PS&E package for the sewer relocations; and

WHEREAS, the CITY is willing to reimburse SANBAG for the costs of preparing a PS&E package and other associated costs for the relocation of CITY sewer facilities.

Therefore, both SANBAG and CITY agree to the following:

1. SANBAG shall provide their PS&E design consultant, AECOM, to the CITY for purposes of helping the CITY prepare a PS&E package for the required sewer relocations associated with the PROJECT.

SANBAG shall direct AECOM to track their expenses for their design, coordination, and other direct costs, including subconsultants, for services the CITY requires to prepare the PS&E package and to assist in addressing any bid questions during the contractor procurement process.

2. SANBAG will pay AECOM for any costs incurred on behalf of the CITY and then submit copies of any invoices to the CITY for full reimbursement by the CITY.
3. CITY shall reimburse SANBAG within 30 days of receiving the invoice from SANBAG.
4. This AGREEMENT shall terminate 6 months after project completion.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT as of the day and year first set forth above:

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY:**

CITY OF SAN BERNARDINO

By: _____
Paul Eaton
President, SANBAG Board of
Directors

By: _____
Name: _____
Title: _____

Date: _____

Date: _____

**APPROVED AS TO FORM AND
PROCEDURE:**

By: _____
Jean-Rene Basle
SANBAG Counsel

Date: _____

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 11

Date: June 11, 2009

Subject: Amendment No. 6 to Contract No. A02-009 with AECOM for preparation of plans, specifications, and estimate for Interstate 215 Segments 1 and 2 in the City of San Bernardino

Recommendation:* Approve Amendment No. 6 to Contract No. A02-009 with AECOM to include the preparation of plans, specifications, and estimates for the relocation of City of San Bernardino sewer facilities for the Interstate 215 project Segments 1 and 2 in the amount of \$214,150, and to extend the Period of Performance to July 31, 2009.

Background: This is an amendment to an existing contract with AECOM. SANBAG has a design contract with AECOM to prepare the plans, specifications, and estimate for the Interstate 215 (I-215) Segments 1 and 2 project. AECOM's contract work includes identifying utilities that need to be relocated. The various utility companies are notified when they have facilities that need to be relocated, and these companies prepare relocation plans which are then reviewed by AECOM to confirm that they no longer interfere with the new I-215 work. For the most part, the cost of utility relocation design and construction is reimbursed as stated in utility agreements between the utility companies and Caltrans, who has acted as utility coordinator for the I-215 corridor.

In the case of the sewer facilities, the utility company is the City of San Bernardino. Due to a variety of factors, there were delays in getting a utility agreement executed between Caltrans and the City of San Bernardino (City). In order to keep the overall project schedule on track, SANBAG staff coordinated with City staff to have AECOM execute the design of the sewer relocations through the contingency remaining in the SANBAG design contract with an option to then submit these costs later for reimbursement from the City once they had their utility agreement in place with Caltrans. The utility agreement between

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Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

Caltrans and the City provides for direct reimbursement by Caltrans to the City for the sewer relocation design and construction costs. Since the City has now executed a utility agreement with Caltrans and the actual work associated with the relocations has been more extensive than originally estimated, this new amendment to the design contract is now being executed. SANBAG will add this work to the design contract and increase the contract cost limit in conjunction with executing a cooperative agreement with the City, see Agenda Item 10. SANBAG will submit these AECOM design costs for the sewer relocation design work to the City for reimbursement. The City will forward those costs to Caltrans for reimbursement through its utility agreement with Caltrans. The cost for the relocation design work for the two segments is estimated to be \$214,150. A time extension for completion of this work is also a part of this contract amendment.

Financial Impact: Item is consistent with current Fiscal Year 2009/2010. TN 834

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

SANBAG Contract No. 02-009-06

by and between

San Bernardino County Transportation Authority

and

AECOM USA, Inc. (formerly DBA DMJM+Harris, Inc.)

for

Prepare PS&E for I-215 Segments 1 and 2

FOR ACCOUNTING PURPOSES ONLY

<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # _____ Vendor ID _____	Retention: <input type="checkbox"/> Yes _____ % <input checked="" type="checkbox"/> No	<input type="checkbox"/> Original <input checked="" type="checkbox"/> Amendment
--	--	---	--

Notes: This amendment is for a time extension only

Original Contract:	\$6,449,178.05	Previous Amendments Total:	\$ 8,513,522.69
		Previous Amendments Contingency Total:	\$ <u>729,568.31</u>
Contingency Amount:	\$ <u>860,652.12</u>	Current Amendment:	\$214,150
		Current Amendment Contingency:	\$ 0

Contingency Amount requires specific authorization by Task Manager prior to release.

Contract TOTAL → \$ 16,767,071.17

↓ Please include funding allocation for the original contract or the amendment.

Task	Cost Code	Funding Sources	Grant ID	Amounts
834	5553	City of San Bernardino		\$214,150
Original Board Approved Contract Date: <u>7/11/01</u> Contract Start: <u>7/11/01</u> Contract End: <u>6/30/09</u>				
New Amend. Approval (Board) Date: <u>7/1/09</u> Amend. Start: <u>7/1/09</u> Amend. End: <u>7/31/09</u>				

If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:

Approved Budget Authority →	Fiscal Year: <u>09/10</u> \$214,150	Future Fiscal Year(s) – Unbudgeted Obligation →	\$ _____
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Is this consistent with the adopted budget? ☒ Yes ☐ No
 If yes, which Task includes budget authority? 834E2009
 If no, has the budget amendment been submitted? ☐ Yes ☐ No

CONTRACT MANAGEMENT

Please mark an "X" next to all that apply:

☐ Intergovernmental ☒ Private ☐ Non-Local ☒ Local ☐ Partly Local

Disadvantaged Business Enterprise: ☒ No ☐ Yes _____ %

Task Manager: Garry Cohoe

Contract Manager: Dennis Saylor

Task Manager Signature

Date

Contract Manager Signature

Date

Chief Financial Officer Signature

Date

AMENDMENT NO. 6

TO CONTRACT NO. 02-009 BETWEEN

SAN BERNARDINO ASSOCIATED GOVERNMENTS/
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY

AND

AECOM USA, Inc. (Formerly DBA DMJM+Harris Inc.)

FOR

Preparation of PS & E for sewer relocation on I-215 project Segments 1 and 2

This AMENDMENT NO. 6 to CONTRACT NO. 02-009 entered into this first day of July, 2009, by the firm of AECOM USA, Inc. (formerly DBA DMJM+Harris, Inc.) (hereafter "CONSULTANT") and San Bernardino Associated Governments/San Bernardino County Transportation Authority (hereafter "SANBAG"):

WITNESSETH:

WHEREAS, SANBAG, under SANBAG Contract No. 02-009 has engaged the services of CONSULTANT to provide consultant services for Project Plans, Specification, and Estimates for the I-215, Segment 1 and Segment 2 Reconstruction/Widening Project for SANBAG; and.

WHEREAS, the parties desire to amend the aforesaid contract to adjust the contract for additional effort expended in design of City of San Bernardino sewer relocations required as part of the Interstate 215 reconstruction project; and

WHEREAS, the execution of this additional work will require additional cost to complete and the duration of these activities will extend beyond the current completion date of the existing contract.

NOW THEREFORE, the parties hereto do mutually agree to amend Contract No. 02-009 and its Amendments 1, 2, 3, 4, and 5 as follows:

1. Under Article 1, Description of Services, that portion of the first sentence which reads "CONSULTANT agrees to perform Services set forth in Attachment "A", Exhibit 1, Exhibit 2, Exhibit 3, and Exhibit 4 in accordance with ..." shall be amended to read "CONSULTANT agrees to perform Services set forth in Attachment "A", Exhibit 1, Exhibit 2, Exhibit 3, Exhibit 4, and Exhibit 5 in accordance with ...".
2. Under Article 2, Performance Schedule and Force Majeure, Subsection 2.1 shall be amended to read as follows:

The Period of Performance by CONSULTANT under this contract shall commence on July 11, 2001 and shall continue in effect until July 31, 2009 or until otherwise terminated or canceled as hereinafter directed or unless extended by direction of SANBAG.

3. Under Article 3, Contract Price and Cost Principles, Subsection 3.2 shall be amended to read as follows:

3.2 The total cost shall not exceed \$15,176,850.74 with a contingency of \$1,591,220.43 for a total contract cost of \$16,767,071.17. Services under terms of this contract are to be provided on an as needed basis and compensated for as set forth in Attachment "B" and Exhibits 1, 2, 3, 4, and 5 which are incorporated herein by reference. Utilization of the contingency is not permitted unless directed in writing by SANBAG Project Manager. CONSULTANT's fee for services is included in the total estimated contract cost and shall be a fixed percentage rate of labor and overhead for work performed, as agreed upon, and noted in Attachment "B".

4. This amendment authorizes additional costs of \$214,150.00 over the existing contract amount of \$16,552,921.17 to \$16,767,071.17. This amendment reflects an additional funding request from CONSULTANT for additional design services which is set forth separately and in detail in Exhibit 5, which is attached hereto and incorporated by reference.
5. All other provisions of Contract No. 02-009 and amendments 1 through 5 remain in full force and effect.

IN WITNESS THEREOF, the authorized parties have below signed:

AECOM USA, Inc.

**SAN BERNARDINO ASSOCIATED
GOVERNMENTS/SAN BERNARDINO
COUNTY TRANSPORTATION
AUTHORITY**

By: _____

By: _____
Paul Eaton, President
SANBAG Board of Directors

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____
Jean-Rene Basle
SANBAG Counsel

Contract A02-009-06 Exhibit 5

City of San Bernardino Sewer Relocation Design

For the I-215 Segment 1+2 Project

Scope of Work

SANBAG, in cooperation with City of San Bernardino, Caltrans and FHWA is sponsoring projects to reconstruct Interstate 215 (I-215) in the City of San Bernardino. The I-215 Segment 1+2 project is from Redlands Loop Overhead to north of 16th Street.

Construction of Segment 1+2 will require reconstruction of both vertical and horizontal alignments of I-215. Significant amounts of right of way along the east side of I-215 (residential and commercial) were acquired to accommodate the freeway construction. As a result, hundreds of utilities must be removed or relocated due to conflicts with the freeway improvements. The sewer system owned by the City of San Bernardino conflicts with the proposed freeway reconstruction in many locations. These conflicts must be eliminated to allow freeway work to proceed.

Since AECOM is responsible for preparing the Plans, Specifications and Estimates for I-215 Segment 1+2 and is very familiar with the utility conflicts, SANBAG and the City of San Bernardino agreed to have AECOM prepare the sewer relocation plans. It is important to complete the sewer relocation work as quickly as possible to ensure that the work is completed prior the freeway construction. The goal of the sewer relocation design is to replace the existing system, not to upgrade or add sewer capacity. In addition to Caltrans and City standards, the plans need to comply with American Railway Engineering and Maintenance of way Association (AREMA) standards. The major scope of work elements are listed below:

- Project management and coordination for the project. The work requires coordination with the City, SANBAG, Caltrans and other utility companies.
- Reviewing and evaluating the existing City of San Bernardino sewer system. This requires as-built plan research, review of sewer master plans, video documentation (CCTV) of existing sewer pipes and additional field survey work.
- Preparing sewer relocation alternatives and evaluating relocation impacts on other utilities and the BNSF Railroad.
- Performing engineering and design for the new sewer lines and preparing the relocation plans.
- Developing construction quantities and estimates.
- Preparing construction specifications for abandoning sewer lines and constructing new sewer lines.
- Providing support to the City during the construction bidding process.

COST AND PRICE ANALYSIS
SAN BERNARDINO ASSOCIATED GOVERNMENTS

NAME OF CONSULTANT		TITLE OF PROJECT		
AECOM		I-215 Segment 1 & 2 Sewer Relocation Design		
Detail Description	Estimated Hours	(Average) Rate/Hour	Total Estimated Cost (\$)	
1. DIRECT LABOR (Specify) SEE CONTINUATION SHEET				
PROJECT MGR/TECHNICAL DIRECTOR	31	\$60.00	1,860.00	
PRINCIPAL/PROJECT ENGINEER	782	\$60.00	46,920.00	
ENGINEER IV	169	\$45.00	7,605.00	
ENGINEER III	0	\$36.00	0.00	
ENGINEER II	171	\$34.50	5,899.50	
ENGINEER I	100	\$26.00	2,600.00	
CADD MANAGER	17	\$52.00	884.00	
DESIGNER	163	\$21.00	3,423.00	
ADMINISTRATIVE ASSISTANT	5	\$28.00	140.00	
TOTAL		1,438		\$69,331.50
2. INDIRECT COSTS (Overhead,G&A-specify)	Burden Rate	X Base =	Burden (\$)	
	137.82%	\$69,331.50	\$95,552.67	\$95,552.67
3. TOTAL DIRECT LABOR AND INDIRECT COSTS (Sum of lines 1 and 2)				
				\$164,884.17
4. FIXED FEE OR PROFIT (Specify, applies to line 3 only)	Percent	X Base =	Fee (\$)	
	10.00%	\$164,884.17	\$16,488.42	\$16,488.42
G/A on ODC 8.1%	8.10%	\$30,321.27	\$2,456.02	\$2,456.02
			\$0.00	\$0.00
TOTAL				\$18,944.44
5. OTHER DIRECT COSTS				
Reproduction/Plotting				\$1,500.00
Copying/Binding				
Transportation/Travel				250
Special Deliveries				70
SAFE-R-DIG (CCTV documentation of system)				8,149.48
ASSOCIATED (field survey of existing sewer)				20,351.79
EMI				0
KLEINFELDER				0
LIN				0
LSA				0
STB LANDSCAPE				0
6. TOTAL CONTRACT COST (Sum of lines 3, 4 and 5)				214,149.88
Say				\$214,150
DATE				
May 13, 2009				

May 13, 2009

Task	Level of Effort (Hours)									COMMENTS
	Project Mgr	Project Engr	ENGR IV	ENGR II	ENGR I	CADD Mgr	Designer	Admin	TOTAL	
Project Management & Coordination	26	85						5	116	
Existing sewer system evaluation & CCTV coordination and review		160	20						180	
Relocation Alternatives Studies		80	40	25			43		188	
Sewer Design and Plan preparation		322	104	106	100	17	120		769	
Sewer Construction quantities and estimate		40		20					60	
Specifications		85		20					105	
Bidding Support	5	10	5						20	
Total Hours	31	782	169	171	100	17	163	5	1438	

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 12

Date: June 11, 2009

Subject: Amendment No. 5 to Contract 04-008 with AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) for Construction Management Support services for I-215 Segment 5 in the City of San Bernardino.

Recommendation:* Approve Amendment No. 5 to Contract 04-008 with AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) increasing the contract amount by \$220,000 for a new total of \$5,281,673.30 and extend the period of performance to December 31, 2015.

Background: This is an amendment to an existing contract. In 2003 through a competitive qualifications based selection process, AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) was selected to provide final design services for the Interstate 215 Segment 5 project, the northernmost segment of I-215 widening between I-10 and SR-210. This segment overlaps the SR-210 Segment 11 Contract 3 that includes the high speed freeway to freeway connectors. At its May 2007 meeting, the Board authorized combining this segment with SR-210 Segment 11 Contract 3 into a single PS&E package. In November 2008, the Board assigned Caltrans to serve as the lead agency for the construction phase of the combined project. The respective Amendments to Design Cooperative Agreement Nos. A04-028 and C07-191 for funding of the Caltrans functions in reviewing the packages and preparing a final bid

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Approved
Major Projects Committee

Date: June 11, 2009

Moved: *Second:*

In Favor: *Opposed:* *Abstained:*

Witnessed: _____

package were approved by the Board at its December 2008 meeting. The project's final design has been completed and Advertisement for Bids commenced on May 18, 2009. Both of the Cooperative Agreements state that SANBAG shall make the designer, AECOM USA, Inc. (formerly DMJM+HARRIS, Inc.) available to respond to design questions through the completion of Project construction and to complete the as-built plans..

This amendment will fund work that is anticipated during the bidding, construction and close-out phases for I-215 Segment 5. A full breakdown of anticipated scope items and fee is detailed in Attachment A. The total fee is \$220,000 which includes a 10% contingency. The period of performance is being extended from December 31, 2009 to December 31, 2015.

Financial Impact: Item is consistent with the current 08/09 Fiscal Year Budget. TN 834.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

SANBAG Contract No. 04-008-05

by and between

San Bernardino County Transportation Authority

and

AECOM USA, Inc.

for

PS&E, I-215, Segment 5

FOR ACCOUNTING PURPOSES ONLY				
<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # Vendor ID <u>AECOM</u>	Retention: <input type="checkbox"/> Yes ____ % <input checked="" type="checkbox"/> No	<input type="checkbox"/> Original <input checked="" type="checkbox"/> Amendment	
Notes:				
Original Contract: \$ <u>825,589</u>		Previous Amendments Total: \$ <u>3,362,087.00</u>		
		Previous Amendments Contingency Total: \$ <u>359,198.00</u>		
Contingency Amount: \$ <u>131,486</u>		Current Amendment: \$ <u>200,000.00</u>		
		Current Amendment Contingency: \$ <u>20,000.00</u>		
Contingency Amount requires specific authorization by Task Manager prior to release.				
Contract TOTAL →				\$ <u>5,281,673.30</u>
↓ Please include funding allocation for the original contract or the amendment.				
Task	Cost Code	Funding Sources	Grant ID	Amounts
<u>834</u>	<u>5554</u>	<u>Measure I</u>	<u>I300</u>	<u>\$220,000</u>
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: <u>7/2/03</u> Contract Start: <u>7/2/03</u> Contract End: <u>7/2/04</u>				
New Amend. Approval (Board) Date: <u>07/1/09</u> Amend. Start: <u>07/1/09</u> Amend. End: <u>12/31/15</u>				
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: <u>09/10</u> \$ <u>70,000</u>	Future Fiscal Year(s) – Unbudgeted Obligation →	\$ <u>150,000</u>	
Is this consistent with the adopted budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If yes, which Task includes budget authority? <u>83409000</u>				
If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input type="checkbox"/> Intergovernmental <input checked="" type="checkbox"/> Private <input type="checkbox"/> Non-Local <input checked="" type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ____ %				
Task Manager: <u>Garry Cohoe</u>			Contract Manager: <u>Stephen Yench</u>	

Task Manager Signature

Date

Contract Manager Signature

Date

Chief Financial Officer Signature

Date

AMENDMENT NO. 5
AGREEMENT BETWEEN
**SAN BERNARDINO ASSOCIATED GOVERNMENTS/
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY**
AND
AECOM USA, INC. (FORMERLY DBA DMJM+HARRIS INC.)
FOR
PREPARE PS & E FOR I-215 SEGMENT 5

This AMENDMENT No. 5 to SANBAG Contract No. 04-008 entered into this 11th day of June 2009, by the firm of AECOM USA, Inc. (Formerly DBA DMJM+Harris Inc.), hereafter referred to as CONSULTANT, and the San Bernardino Associated Governments/San Bernardino County Transportation Authority, hereafter referred to as AUTHORITY, collectively hereafter referred to as PARTIES:

WITNESSETH

WHEREAS, SANBAG under Contract 04-008 has engaged the services of CONSULTANT to provide services to prepare and complete Plans, Specifications, and Estimate for Interstate 215, Segment 5, hereafter referred to as the PROJECT; and,

WHEREAS, the duration of these activities will extend beyond the current completion date of the existing contract.

NOW THEREFORE, the parties hereto do mutually agree to amend Contract No. 04-008 as follows:

1. The contract scope of services is hereby amended to include the work described in Attachment "A" of this Amendment which is hereby incorporated into the Agreement.
2. The not-to-exceed cost of Contract No. 04-008 shall be increased by \$220,000.00 for a not-to-exceed total contract amount of \$5,281,673.30. The costs shall include all work performed by subconsultants, and all overhead costs, other direct costs, and fee for CONSULTANT and subconsultants, as detailed in Attachment "A".

3. Extend the contract duration in Article 2, Performance Schedule and Force Majeure, of the contract, as amended to the completion of the PROJECT, estimated to be December 31, 2015
4. Except as amended by this amendment, all other provisions of Contract No. 04-008 shall remain in full force and effect.

IN WITNESS THEREOF, the authorized parties have below signed:

AECOM USA, INC.

By: _____

Date: _____

**SAN BERNARDINO
ASSOCIATED GOVERNMENTS/
SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

By: _____
Paul Eaton, President
SANBAG Board of Directors

Date: _____

Attest: _____
Vicki Watson
Board Secretary

APPROVED AS TO FORM:

By: _____
Jean-Rene Basle
SANBAG Counsel

Date: _____

COST AND PRICE ANALYSIS

SAN BERNARDINO ASSOCIATED GOVERNMENTS

NAME OF CONSULTANT		TITLE OF PROJECT		
AECOM		I-215 Segment 5 - Construction Support		
Detail Description	Estimated Hours	(Average) Rate/Hour	Total Estimated Cost (\$)	
1. DIRECT LABOR (Specify) SEE CONTINUATION SHEET				
PROJECT MGR/TECHNICAL DIRECTOR	65	\$82.16	5,340.40	
PRINCIPAL/PROJECT ENGINEER	150	\$66.00	9,900.00	
ENGINEER IV	50	\$54.00	2,700.00	
ENGINEER III	440	\$46.00	20,240.00	
ENGINEER II	280	\$37.00	10,360.00	
ENGINEER I	0	\$31.00	0.00	
CADD MANAGER	10	\$52.00	520.00	
CADD DESIGNER	0	\$21.00	0.00	
ADMINISTRATIVE ASSISTANT	76	\$23.00	1,748.00	
TOTAL		1,071		\$50,808.40
2. INDIRECT COSTS (Overhead, G&A-specify)	Burden Rate	X Base =	Burden (\$)	
	150.00%	\$50,808.40	\$76,212.60	\$76,212.60
3. TOTAL DIRECT LABOR AND INDIRECT COSTS (Sum of lines 1 and 2)				\$127,021.00
4. FIXED FEE OR PROFIT (Specify, applies to line 3 only)	Percent	X Base =	Fee (\$)	
	10.00%	\$127,021.00	\$12,702.10	\$12,702.10
TOTAL				\$12,702.10
5. OTHER DIRECT COSTS				
Reproduction/Plotting				\$1,500.00
Copying/Binding				
Transportation/Travel				525
Special Deliveries				250
TRC				40,000
ASSOCIATED				5,000
EMI				5,000
LIN				5,000
STB LANDSCAPE				3,000
6. TOTAL CONTRACT COST (Sum of lines 3, 4 and 5)				199,998.10
Say				\$200,000
DATE				
June 2, 2009				

I-215 - Segments 5 Construction Support
SANBAG Contract No. 04-008

AECOM

June 2, 2009

Task	Level of Effort (Hours)									TOTAL
	Project Mgr/Tech Director	Principal/Project Engr	ENGR IV	ENGR III	ENGR II	ENGR I	CADD Mgr	CADD Design	Admin	
Project Management and Administration	60	30							26	116
Bid Support, Bidder Questions, Addendums		10		20					10	40
RFIs, RE Coordination, & site visits		40		160	120				40	360
Shop Drawing Review		20	40	100						160
CCOs		10		80						90
As-built Drawings		10	10	80	160		10			270
Claims Resolution	5	30								35
Total Hours	65	150	50	440	280	0	10	0	76	1071

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 13

Date: June 11, 2009

Subject: Amendment No. 5 to Contract No. 03-013 with Lim and Nascimento Engineering Corporation (LAN) for construction management services for SR 210, Segments 9-11 and I-10 East Projects.

Recommendation:* Approve Amendment No. 5 to Contract No. 03-013 with Lim and Nascimento Engineering Corporation (LAN) increasing the contract total amount from \$27,959,179 to \$28,149,189 and to extend the period of performance to June 30, 2010.

Background: **This action is an amendment to a current professional services contract.** In October 2002, the Board approved Contract No. 03-013 with LAN Engineering Corporation to provide construction management services for the multiple SR 210, Segments 9-11 and Interstate 10 East Projects in the amount of approximately \$8.5 million. The contract divided the projects into three phases, with each phase requiring Board approval.

The original contract approved by the Board in October 2002 covered what was considered Phase I, which included the I-10 Truck Climbing Lane project and the "Early" projects for SR-210. The Board approved Amendment No. 1 to the contract in September 2003 that covered Phase II of the initial work for the SR-210. In May 2005, the board approved Amendment No. 2 to the contract covering the Phase III portion of the project generally consisting of the balance of the construction management

Approved
Major Projects Committee

Date: June 11, 2009

Moved: Second:

In Favor: Opposed: Abstained:

Witnessed: _____

services for the three segments of SR-210 Mainline and the Interstate 10 Mixed-Flow Lane Addition project through the City of Redlands. In March 2007, the board approved Amendment No. 3 to include the anticipated construction management services for the I-10 Live Oak Canyon Interchange project. In October 2008, the board approved Amendment No. 4 to cover construction management services for the close-out efforts to construction activity for the SR-210 Mainline project Segments 9 through 11; the I-10 Truck Climbing Lane project through Yucaipa, the I-10 Mixed-Flow Lane Addition project through Redlands, the I-10 Live Oak Canyon Interchange, and construction management services for SR210 Muscoy UPRR bridge seismic retrofit. These CM services for I-10 Live Oak Canyon Interchange and the SR-210 Muscoy project were planned to be constructed concurrently, saving in the construction management cost.

The two projects were not constructed concurrently due to the protracted review and approval cycles with the Railroad company for the contractor's shoring plans on the SR210 Muscoy UPRR project. In addition, closeout on SR-210 Mainline Segments 9 through 11 took longer and more effort than anticipated. This increase in construction duration results in an associated increase in construction management services. Amendment No. 5 will increase the contract amount by \$200,000 for a new not-to-exceed total of \$28,149,189.

Financial Impact: This recommendation is consistent with the fiscal year 2009/2010 budget.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009. SANBAG Counsel has reviewed and approved this agreement as to form.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

SANBAG Contract No. 03-013-05

by and between

the San Bernardino County Transportation Authority

and

Lim and Nascimento Engineering Corporation (LAN)

for

Construction Management Services for SR210, Segments 9-11 and I-10 East Projects

FOR ACCOUNTING PURPOSES ONLY

<input checked="" type="checkbox"/> Payable	Vendor Contract # <u>SNBG0202</u>	Retention:	<input type="checkbox"/> Original
<input type="checkbox"/> Receivable	Vendor ID <u>LANEC</u>	<input type="checkbox"/> Yes ____ % <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Amendment

Notes:

Original Contract:	\$ <u>8,416,227</u>	Previous Amendments Total:	\$ <u>19,542,952</u>
Contingency Amount:	\$ <u>0.00</u>	Previous Amendments Contingency Total:	\$ <u>0.00</u>
		Current Amendment:	\$ <u>200,000</u>
		Current Amendment Contingency:	\$ <u>0.00</u>

Contingency Amount requires specific authorization by Task Manager prior to release.

Contract TOTAL → \$ 28,159,179

↓ Please include funding allocation for the original contract or the amendment.

Task	Cost Code	Funding Sources	Grant ID	Amounts
<u>8430</u>	<u>5553</u>	<u>Local/Yucaipa</u>	<u># 0636C</u>	\$ <u>0.00</u>
<u>8240</u>	<u>5553</u>	<u>Measure I Funding</u>	<u># I300</u>	\$ <u>200,000</u>
<u>8600</u>	<u>5553</u>	<u>Measure I Funding</u>	<u># I300</u>	\$ <u>0.00</u>
_____	_____	_____	_____	\$ _____

Original Board Approved Contract Date: <u>10/2/02</u>	Contract Start: <u>10/2/02</u>	Contract End: <u>10/3/08</u>
New Amend. Approval (Board) Date: <u>07/1/09</u>	Amend. Start: <u>07/1/09</u>	Amend. End: <u>06/30/10</u>

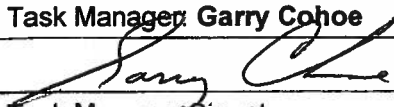

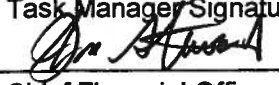
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:

Approved Budget Authority →	Fiscal Year: <u>09/10</u> \$ <u>200,000</u>	Future Fiscal Year(s) - Unbudgeted Obligation →	\$ <u>0.00</u>
-----------------------------	--	--	----------------

Is this consistent with the adopted budget? ☒ Yes ☐ NoIf yes, which Task includes budget authority? 8430If no, has the budget amendment been submitted? ☐ Yes ☒ No**CONTRACT MANAGEMENT**

Please mark an "X" next to all that apply:

☐ Intergovernmental ☒ Private ☐ Non-Local ☐ Local ☐ Partly Local
Disadvantaged Business Enterprise: ☒ No ☐ Yes ____ %

Task Manager: <u>Garry Cohoe</u>	Contract Manager: <u>Herald Lantis</u>
	
Task Manager Signature	Contract Manager Signature
<u>6/4/09</u>	<u>4 June '09</u>
Date	Date
	
Chief Financial Officer Signature	
<u>6/4/09</u>	
Date	

AMENDMENT NO. 5
AGREEMENT BY AND BETWEEN
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
AND
LIM AND NASCIMENTO ENGINEERING CORPORATION (LAN)
FOR
CONSTRUCTION MANAGEMENT SERVICES FOR SR-210 AND I-10 EAST

This AMENDMENT No 5 to CONTRACT No. 03-013 entered into this 1st day of July, 2009 by the firm of Lim and Nascimento Engineering Corporation (hereafter called CONSULTANT) and the San Bernardino Associated Governments/San Bernardino County Transportation Authority (hereafter called AUTHORITY):

WITNESSETH,

WHEREAS, SANBAG, under SANBAG Contract 03-013, has engaged the services of CONSULTANT to provide construction management services for Route 210 Segments 9-11 and I-10 East projects; and,

WHEREAS, lengthened project construction schedules have impacted construction management scope; the parties hereto desire to amend the aforesaid contract to extend the completion date and to increase the contract not to exceed amount; and,

NOW THEREFORE, the parties hereto do mutually agree to amend Contract 03-013, as follows:

1. Article 2, sub-paragraph 2.1 shall be replaced by the following; The Period of Performance by CONSULTANT under this contract shall commence on October 3, 2002 and continue to June 30, 2010, or until otherwise terminated or cancelled as hereinafter directed, or unless extended by direction of SANBAG.
2. Article 3. The not-to-exceed amount of the contract shall be increased by \$200,000. The amended total contract not to exceed amount shall be \$28,159,179.
3. Attachment B. Exhibit No. 1 to this Amendment details the staffing plan and costs associated with Amendment No. 5 to the contract. Exhibit No. 2 to this Amendment reflects the anticipated timing and durations for construction of the remaining projects which serves as the basis for the estimated costs and period of performance associated with Amendment No. 5 to the contract.

4. Except as amended by this Amendment, all other provisions of Contract 03-013 remain in full force and effect.

IN WITNESS THEREOF, the authorized parties have below signed:

San Bernardino County
Transportation Authority

LAN Engineering Corporation

By: _____
Paul Eaton, President
SANBAG Board of Directors

By: _____
Title: _____

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____
Jean Rene Basle
SANBAG Counsel

Date: _____

SANBAG Live Oak Canyon and Muscoy Retrofit

Contract Amendment

Financial Analysis

Period Ending: April 24, 2009

I-10 PROJECTS + SR-210 Projects	Total Invoice To Date	Budget	Budget Remaining
All Project Inclusive	\$27,657,588.27	\$27,959,179.00	\$301,590.73

I-10 Live Oak Canyon Interchange / Muscoy Retrofit

Proposed Cost From April 25, 2009 to Project Completion

Projects	Labor	ODC	Total
I-10 Live Oak Canyon IC	\$199,743.26	\$12,509.28	\$212,252.54
Muscoy Retrofit Project	\$257,290.42	\$17,207.40	\$274,497.82
Yucaipa Office Expense (5 Months @ 3000.00/month)		\$15,000.00	\$15,000.00
Total Cost Required to Project Completion	\$ 457,033.68	\$ 44,716.68	\$ 501,750.36

Proposed Contract Cost Amendment

Projects	Budget Remaining	Cost To Project Completion	Proposed Cost Amendment
Residual from prior authorized budget	\$301,590.73		-\$301,590.73
I-10 Live Oak Canyon IC		\$212,252.54	\$212,252.54
Muscoy Retrofit Project		\$274,497.82	\$274,497.82
Yucaipa Office Expense		\$15,000.00	\$15,000.00
Total Cost Required to Project Completion	\$301,590.73	\$501,750.36	\$200,159.63

SANBAG Live Oak Canyon and Muscoy Retrofit

Contract Amendment

I-10 Live Oak Canyon Interchange																							
LABOR ALLOCATION		By Month												By Hours (Assume 168 Hours Per Month)									
Year		May 2009 to December 2009												2008									
Month	A	M	J	J	A	S	O	N	D	Subtotal	A	M	J	J	A	S	O	N	D	Subtotal			
Project Manager										0	0	0	0	0	0	0	0	0	0	0			
Ken Loncharich		1.14	1.00							2.14	0	191.52	168	0	0	0	0	0	0	359.52			
Mario Alarcon		1.14								1.14	0	191.52	0	0	0	0	0	0	0	191.52			
Mario Marzona		1.14	1.00							2.14	0	191.52	168	0	0	0	0	0	0	359.52			
Tim Hannibal		0.70								0.7	0	117.6	0	0	0	0	0	0	0	117.6			
Alfredo Delgado		1.14								1.14	0	191.52	0	0	0	0	0	0	0	191.52			
Mark Guillen		0.05								0.05	0	8.4	0	0	0	0	0	0	0	8.4			
Sharron Dearborn		0.05								0.05	0	8.4	0	0	0	0	0	0	0	8.4			
Richard Shirley (Caltrop) *	0.90	0.50								1.4	151.2	84	0	0	0	0	0	0	0	235.2			
Caltrop does not submit an April invoice. Total		0.9		2	0	0	0	0	0	8.76	151.2		336	0	0	0	0	0	0	1471.68			

Muscoy Retrofit																							
LABOR ALLOCATION		By Month												By Hours (Assume 168 Hours Per Month)									
Year		May 2009 to December 2009												2008									
Month	A	M	J	J	A	S	O	N	D	Subtotal	A	M	J	J	A	S	O	N	D	Subtotal			
Peter Lim (Project Manager)										0.00	0	0	0	0	0	0	0	0	0	0			
Mario Alarcon				0.60	0.50	0.50	0.50	0.50	0.50	3.1	0	0	0	0	101	84	84	84	84	521			
Mario Marzona				0.60	0.60	0.50	0.50	0.50	0.50	3.2	0	0	0	0	101	101	84	84	84	538			
Inspector (TBD)				1.00	1.00	1.00	1.00	1.00	0.75	5.75	0	0	0	0	168	168	168	168	126	966			
Total	0		0	2,220	2,110	2,000	2,000	2,000	1,750	12,005	0		0	0	370	353	336	336	294	2024			

- San Bernardino County Transportation Commission ■ San Bernardino County Transportation Authority
■ San Bernardino County Congestion Management Agency ■ Service Authority for Freeway Emergencies

Minute Action

AGENDA ITEM: 14

Date: June 11, 2009

Subject: Request for Qualifications (RFQ) No. 09-203 for Interstate-10 Westbound Widening Construction Management.

Recommendation:* Authorize staff to release Request for Qualifications (RFQ) No. 09-203 for Interstate-10 Westbound Widening Construction Management.

Background: This action will lead to the award of a new consultant contract for construction related services. Caltrans agreed to have SANBAG assume the lead agency role to complete the final design and advertise, award, and administer the construction contract for the Interstate-10 Westbound Widening Project. The SANBAG Board agreed in concept to this and approved the Design Cooperative Agreement No. C08-044 at its October 2007 meeting. Since then significant progress has transpired. It is expected that environmental certification will be achieved in August 2009 and right of way certification completed by September 2009. The design is in final review and construction is expected to start in early 2010, assuming that the CMIA funds are allocated.

While the availability of CMIA funding for this project is unknown, it is recommended that this RFQ move forward in order to avoid any loss in time should the funds be allocated after our initial request or shortly thereafter. As SANBAG proceeds to the construction phase of this project it is first necessary to secure the services of a full service construction management team to include constructability, construction management, materials testing, and construction

*

Approved
Major Projects Committee

Date: June 11, 2009

Moved: *Second:*

In Favor: *Opposed:* *Abstained:*

Witnessed: _____

staking and surveying. The notice of RFQ 09-203 for this project will be included in this Agenda Item.

Attached is the draft RFQ including the Scope of Work. The final RFQ will be included in the July 2009 Board meeting agenda item. The RFQ is SANBAG's "boiler plate" RFQ with language similar to that used in previous SANBAG issued RFQs.

Financial Impact: No new financial impact to SANBAG is associated with this action.

Reviewed By: This item will be reviewed by the Major Projects Committee on June 11, 2009.

Responsible Staff: Garry Cohoe, Director of Freeway Construction

SANBAG Contract No. 09-203

by and between

SANBAG

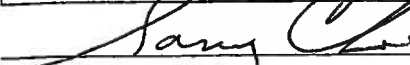


and

TBD

for

Construction Management Services I-10 Westbound

FOR ACCOUNTING PURPOSES ONLY				
<input checked="" type="checkbox"/> Payable <input type="checkbox"/> Receivable	Vendor Contract # <u>TBD</u> Vendor ID <u>TBD</u>	Retention: <input checked="" type="checkbox"/> Yes <u>10</u> % <input type="checkbox"/> No	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	
Notes:				
Original Contract: \$ <u>TBD</u> Contingency Amount: \$ _____		Previous Amendments Total: \$ _____ Previous Amendments Contingency Total: \$ _____ Current Amendment: \$ _____ Current Amendment Contingency: \$ _____ Contingency Amount requires specific authorization by Task Manager prior to release.		
Contract TOTAL →				\$ _____
↓ Please include funding allocation for the original contract or the amendment.				
<u>Task</u>	<u>Cost Code</u>	<u>Funding Sources</u>	<u>Grant ID</u>	<u>Amounts</u>
<u>TBD</u>	_____	_____	_____	\$ <u>TBD</u>
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
_____	_____	_____	_____	\$ _____
Original Board Approved Contract Date: _____ Contract Start: _____ Contract End: _____ New Amend. Approval (Board) Date: _____ Amend. Start: _____ Amend. End: _____				
If this is a multi-year contract/amendment, please allocate budget authority among approved budget authority and future fiscal year(s)-unbudgeted obligations:				
Approved Budget Authority →	Fiscal Year: _____ \$ _____	Future Fiscal Year(s) – Unbudgeted Obligation →	\$ _____	
Is this consistent with the adopted budget? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, which Task includes budget authority? _____ If no, has the budget amendment been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
CONTRACT MANAGEMENT				
Please mark an "X" next to all that apply:				
<input type="checkbox"/> Intergovernmental <input checked="" type="checkbox"/> Private <input type="checkbox"/> Non-Local <input type="checkbox"/> Local <input type="checkbox"/> Partly Local				
Disadvantaged Business Enterprise: <input type="checkbox"/> No <input type="checkbox"/> Yes _____ %				
Task Manager: <u>Garry Cohoe</u>			Contract Manager: <u>Tom Sardo</u>	

 Task Manager Signature	Date	<u>6/4/09</u>	 Contract Manager Signature	Date	<u>4/24/09</u>
 Chief Financial Officer Signature	Date	<u>6/4/09</u>			

Filename: RFQ No. 09-203



San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Floor, San Bernardino, CA 92410-1715
Phone: (909) 884-8276 Fax: (909) 885-4407
Web: www.sanbag.ca.gov



•San Bernardino County Transportation Commission •San Bernardino County Transportation Authority
•San Bernardino County Congestion Management Agency •Service Authority for Freeway Emergencies

DATE: July 1, 2009

TO: Consultants/Construction Management/Materials Testing/Construction Surveying Firms

FROM: Garry Cohoe, Director of Freeway Construction

SUBJECT: Construction Support Services for Interstate-10 Westbound Widening Construction Project

Attached with this cover memorandum is our Request for Qualifications (RFQ) for Construction Support Services. The purpose of this RFQ is to select a firm to assist the San Bernardino County Transportation Authority (AUTHORITY) with construction of the Interstate-10 Westbound Widening Construction project.

Those firms or individuals intending to submit Statement of Qualifications (SOQ) should note the schedule contained in Section XI of the attached document. It is our intention, subject to Board approval, to have the selected firm under contract by October 2009.

Firms will have access to preliminary contract documents from July 2, 2009 through July 28, 2009 by appointment only. Please contact Ms. Karen Matthews at (909) 884-8276 to schedule a review.

Individuals and firms submitting SOQ's for this project will be evaluated based on qualifications and experience on similar and relevant projects. Emphasis will be placed on the capabilities of key project individuals.

Also attached for your reference are the *draft* Scope of Services, a sample contract, and AUTHORITY's Contracting Policy. These items are available on AUTHORITY's internet website: www.sanbag.ca.gov under "Bids, RFPs and RFQ". Please check the website periodically for schedule updates.

Eight (8) copies of the SOQ must be submitted to AUTHORITY's San Bernardino office by **12:00 P.M., Wednesday, July 29, 2009.**

Statement of Qualifications and correspondence shall be directed to:

Mr. Garry Cohoe
Director of Freeway Construction
San Bernardino Associated Governments
1170 W. 3rd Street, 2nd Floor
San Bernardino, California 92410-1715

All questions and comments regarding this Request for Qualifications or the project shall be directed to:

Ms. Paul Beauchamp
Project Manager
(909) 884-8276 x148

GC: SHY:dmo
Attachment

cc: File M1026.13.1

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY

REQUEST FOR QUALIFICATIONS

FOR

**CONSTRUCTION MANAGEMENT,
MATERIALS TESTING, AND
CONSTRUCTION SURVEYING SERVICES**

FOR

INTERSTATE-10 WESTBOUND WIDENING

IN THE

CITIES OF REDLANDS & YUCAIPA

Contract C09203

Issued: July 2, 2009

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**SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY/
SAN BERNARDINO ASSOCIATED GOVERNMENTS**

REQUEST FOR QUALIFICATIONS

FOR

**CONSTRUCTION MANAGEMENT, MATERIALS TESTING, AND CONSTRUCTION
SURVEYING SERVICES**

I. INTRODUCTION

The San Bernardino Associated Governments (SANBAG), acting as the San Bernardino County Transportation Authority, in cooperation with the California Department of Transportation (Caltrans) is soliciting Statement of Qualifications (SOQ) from all qualified firms for Construction Management (CM) including Landscape CM, Materials Testing, and Construction Surveying services for the Interstate-10 Westbound Widening Project.

The purpose of this RFQ is to select a consultant to assist SANBAG with construction support services, including construction management, materials testing, and construction surveying for the Interstate-10 Westbound Widening Project.

The contract will be awarded without discrimination based on race, religion, color, age, sex, or national origin (*Note: Update for new DBE requirements*).

II. PROJECT AND SERVICES DESCRIPTIONS

The I-10 Westbound Widening project proposes to add one mixed flow lane from Ford Street to Live Oak Canyon Road consisting of roadway improvements; construct cast-in-place concrete retaining walls; and construct drainage improvements. The retaining walls will have architectural treatments. The project is located in the within the Cities of Redlands and Yucaipa. Total duration of construction will be approximately 20 months.

SERVICES

Services are anticipated to generally include, but are not limited to, pre-construction plans, specifications, and estimate (PS&E) reviews; participation in and the evaluation of scheduling of the proposed project; construction project advertising, bid analysis, and award; construction inspection; contractor interface and contract administration; office engineering; and other assorted duties as appropriate for construction management, as well as materials testing and construction surveying. The detailed scope of services is included as draft Attachment A to the draft contract.

It is recommended that, in addition to a Project Manager, a single point of contact or Resident Engineer be assigned to direct and coordinate all field activities under this contract. Other Assistant Resident Engineers may be assigned to specific responsibilities as needed. Insofar as the Consultant's approach described in the SOQ, the scope of responsibility and the total number of personnel assigned to each project is left to the discretion of the Consultant. Each Statement of Qualifications shall include a preliminary staffing plan *and* an organization chart.

The Consultant shall provide evidence of the firm's ability to adequately and appropriately staff and manage the project. The Consultant should demonstrate its understanding of the scope and project approach for the project. The selected consultant shall provide CM, materials testing and construction surveying for the project.

III. MATERIALS FURNISHED BY SANBAG

All software, data, reports, surveys, drawings, and other documents furnished to the Consultant by SANBAG for the Consultant's use in the performance of services shall be made available only for use in performing the assignment and shall remain the property of SANBAG. All such materials shall be returned to SANBAG upon completion of services, termination of the Agreement, or other such time as SANBAG may determine.

IV. CALTRANS AND LOCAL AGENCY RELATIONSHIP

The Interstate-10 Westbound Widening Project is a local project with Caltrans oversight. The CMIA Bonds will provide funding for the project. All agencies will cooperatively work together for the construction of the project. However, the project will be implemented by a construction contract awarded and administered by SANBAG. SANBAG will be responsible for, and will be the sole point of contact for all contractual matters. The Consultant shall take direction only from SANBAG and shall regularly inform SANBAG, Caltrans, of construction progress and outstanding issues.

V. CONTRACT TYPE

A cost reimbursable plus percentage fee contract, with a total not to exceed amount, will be issued for the contract. Any services provided by the Consultant, which are not specifically covered by the Contract, will not be reimbursed. It is the Consultant's responsibility to recognize and notify SANBAG when services not covered under the Contract have been requested.

The terms of the Contract will be effective for the duration of the project.

VI. **MINORITY BUSINESS OPPORTUNITIES; (NOTE: UPDATE TONEW 06/02/09 MANDATE)**

(Due to the absence of Federal funding for this contract, no goals have been established for Disadvantaged Business Enterprise (DBE), Women-owned Business Enterprise (WBE) or Disabled Veterans Business Enterprise (DVBE) participation. **Although there is no specific goal, small business participation is encouraged**).

VII. **STATEMENT OF QUALIFICATIONS INSTRUCTIONS**

Statement of Qualifications (SOQ) will be accepted until **12:00 PM, Wednesday, July 29, 2009**. Eight (8) copies are required. SANBAG reserves the right to accept or reject late SOQs at its discretion. Acceptance of a late submittal shall not be construed to mean that SANBAG will accept **any** late SOQ. SOQs shall be delivered to:

Mr. Garry Cohoe
Director of Freeway Construction
San Bernardino Associated Governments
1170 W. Third Street, Second Floor
San Bernardino, CA 92410

SOQs must contain the information listed below and must be compiled in the following format:

A. **Cover Letter**

Provide the following information:

- A statement requesting SANBAG to evaluate the submitted SOQ based upon the Scope of Services for the Interstate-10/Riverside Avenue Interchange Reconstruction project.
- Summary description of the work to be performed by firm and each subconsultant firm proposed for the project and an estimate of the percentage of work to be performed by each firm.
- Indicate the location of the office from which the construction management team will be managed.
- In accordance with SANBAG Policy No. 11000-R10, Sect. 7.A.2.f, provide a response to the following question: Has your firm ever been terminated from a contract? If the answer is yes, see item B below.
- A memorandum from a principal from each subconsultant firm indicating the specific portion of services the subconsultant will be performing.

B. Contract Termination Circumstances:

If consultant has ever been terminated from a contract, describe the facts and circumstances in detail, on a separate sheet. See policy for details.

C. U.S. General Services Administration Standard Form SF330:

“Architect-Engineer Qualifications”. The Form SF330 must conform to the following format:

1. Provide a separate Form SF330 for the prime consultant and each subconsultant. Subconsultants need not supply Sections C and H.
2. Prime consultants should list subconsultants in Section C.
3. Provide an Organizational Chart in Section D:
 - Show the relationships between personnel and support staff who are expected to participate on the project.
 - For each person, indicate the firm with whom they are employed.
 - Show the aspects of the services each person will be responsible for performing.
4. List key personnel in Section E. Section E must conform to the following requirements:
 - Every person whose resume is provided in Section E must also be shown on the organizational chart. Resumes of persons who are not shown on the organization chart will not be considered.
 - Section E, number 13 must describe the function the person will be expected to fulfill in connection with the project.
 - Section E, number 17 must list the person’s active registrations in California, with the California Registration Number. Personnel (Resident Engineers / Inspectors) in responsible charge of Construction Management Services must be registered Civil Engineers in the State of California.
 - Section E, number 19 should provide a brief history of each person’s relevant project experience, including descriptions of his/her role and tasks that he/she performed on each project. Also, identify key tasks each person is expected to perform for this project under his/ her assigned function.
5. Section F should conform to the following requirements:
 - Projects listed in Section F must be projects worked on by personnel shown on the organizational chart and whose resumes are included in Section E. For

each project listed, the personnel included in Section E who worked on the project and their project position must be shown.

- In Section F, number 23, include the owner's telephone number and the name of a contact person who can provide a reference. Also include the name and telephone number of the primary contact for the prime consultant, if necessary. Projects without references and telephone numbers will not be considered. List no more than ten projects.
 - In Section F, number 24, indicate the project value, the contract value, and the respective values (project and contract) for which the firm was responsible, describe the nature of the firm's responsibility and indicate whether the firm was the prime consultant or a subconsultant.
 - Additional information may be provided in Section F to highlight or expand on experience from projects that are especially applicable to the proposed Scope of Services, including an indication of the scope of related services for which the consultant was responsible.
6. In Section G, indicate the relationship of personnel shown on the proposed organization chart to the example projects.
7. Section H should demonstrate the consultant's approach and understanding of the proposed scope of services. This section should provide a detailed discussion of the work tasks and management activities necessary for project completion. A preliminary staffing plan based upon SANBAG's preliminary schedule should be included. Discussion topics for consideration may include:
- Key project issues, constraints, and critical path items.
 - Narrative discussing team organization, coordination, and information flow in reference to the proposed organizational chart.
 - Technical and proactive approaches to key services.
 - Unique team experience applicable to the proposed Scope of Services.
 - Flexibility of proposed roles and responsibilities.
 - Quality Assurance and Control.
 - Project management, control capabilities, and procedures.
 - Plan reviews and response procedures.
 - Concurrent assignment of proposed key consultant and subconsultant personnel on other projects.

Where the Scope of Services does not adequately define the tasks required to provide complete professional services, provide descriptions of recommended additional services and programs.

D. Contract Comments:

Provide a written discussion of any objections or concerns relative to the Terms and Conditions of SANBAG's contract. Please note that SANBAG reserves the right to

disqualify any consultant that does not provide a complete written discussion of its contractual objections or to disqualify any consultant based on objections that SANBAG considers non-negotiable. SANBAG does not anticipate making substantive changes to its Terms and Conditions.

E. Entire Statement of Qualifications:

The Consultant's SOQ package is limited to 45 (8 ½" x 11") pages single-sided. The page limit does not include the outside cover, section dividers, cover letters and subconsultant commitment memorandum, contract comments, or duplication of the organizational chart. SOQs that do not contain the required information or do not contain the required number of copies (eight) will not be accepted.

F. Changes:

During the selection process, any changes in key consultant or subconsultant personnel proposed in the SOQ must be brought to the attention of SANBAG immediately.

VIII. CONSULTANT SELECTION

The primary objective of SANBAG is to select highly qualified firms to perform necessary professional services for SANBAG at a fair and reasonable cost. Consultants may obtain a copy of the consultant selection policy by accessing the SANBAG website. In addition, SANBAG has established the following criteria for the selection process:

- A. The selection process shall be fair, open, and competitive.
- B. The selection of the consultant firms will be based on clearly stated objectives.
- C. Selection of private consultants/firms shall be based upon demonstrated competence, professional qualifications, experience, and capabilities to perform the required services at a fair and reasonable price to SANBAG, rather than competitive bidding process.
- D. Upon review of the SOQs, a shortlist of firms will be invited to prepare for an interview. The pending contract will be awarded to the responsible, responsive firm best conforming to the RFQ, and is in the opinion of SANBAG, most advantageous to SANBAG. SANBAG reserves the right to reject any and all SOQs and to negotiate with any responsible, responsive firm. SANBAG is under no obligation to issue contracts for the subject services.

IX. NEGOTIATIONS AND ENGAGEMENT

Following the selection of a consultant, the selected firm will submit a cost proposal and participate in contract negotiations with SANBAG staff.

The final contract and Scope of Services will be negotiated. Consultants are encouraged to include in their SOQ any comments relating to the Scope of Services and/or the terms and conditions of SANBAG's standard contract. In addition, Consultants are reminded that *any* comments regarding the Terms and Conditions of SANBAG's standard contract must be noted in the SOQ. SANBAG reserves the right to disqualify any firm that does not provide written discussions of any disagreements it has relative to SANBAG's Terms and Conditions. SANBAG does not anticipate making any substantive changes to its Terms and Conditions.

X. CONFLICT OF INTEREST

The selected consultant will not be prevented from participating in future projects to the extent that no direct conflict of interest exists at the time. Consultants responsible for a project's design may not participate in construction management/construction inspection of the project. The determination of a conflict of interest, direct or incidental, shall be at the sole discretion of SANBAG.

XI. SCHEDULE FOR CONSULTANT SELECTION

Issue Request for Qualifications	July 02, 2009
Statement of Qualifications Due	July 29, 2009
Shortlist and Notify Consultants (Anticipated)	August 14, 2009
Interview Shortlisted Consultants (Anticipated)	August 28, 2009
Select Consultant (Anticipated)	August 28, 2009
Contract Cost Proposal Due (Anticipated)	September 04, 2009
Major Projects Committee Approval (Anticipated)	September 10, 2009
SANBAG Board Approval (Anticipated)	October 07, 2009
Notice to Proceed (Anticipated)	October 16, 2009

Dates are subject to change. Schedule updates will be posted on SANBAG's internet website: www.sanbag.ca.gov under "Bids, RFPs and RFQs".

Contact List:

Appointment/Document Requests:	Karen Matthews	(909) 884-8276
Questions/Comments:	Paula Beauchamp	(909) 884-8276

This list provides information on acronyms commonly used by transportation planning professionals. This information is provided in an effort to assist SANBAG Board Members and partners as they participate in deliberations at SANBAG Board meetings. While a complete list of all acronyms which may arise at any given time is not possible, this list attempts to provide the most commonly-used terms. SANBAG staff makes every effort to minimize use of acronyms to ensure good communication and understanding of complex transportation processes.

AB	Assembly Bill
ACE	Alameda Corridor East
ACT	Association for Commuter Transportation
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
APTA	American Public Transportation Association
AQMP	Air Quality Management Plan
ARRA	American Recovery and Reinvestment Act
ATMIS	Advanced Transportation Management Information Systems
BAT	Barstow Area Transit
CALACT	California Association for Coordination Transportation
CALCOG	California Association of Councils of Governments
CALSAFE	California Committee for Service Authorities for Freeway Emergencies
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CMAQ	Congestion Mitigation and Air Quality
CMIA	Corridor Mobility Improvement Account
CMP	Congestion Management Program
CNG	Compressed Natural Gas
COG	Council of Governments
CSAC	California State Association of Counties
CTA	California Transit Association
CTC	California Transportation Commission
CTC	County Transportation Commission
CTP	Comprehensive Transportation Plan
DBE	Disadvantaged Business Enterprise
DEMO	Federal Demonstration Funds
DOT	Department of Transportation
EA	Environmental Assessment
E&D	Elderly and Disabled
E&H	Elderly and Handicapped
EIR	Environmental Impact Report (California)
EIS	Environmental Impact Statement (Federal)
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FSP	Freeway Service Patrol
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GFOA	Government Finance Officers Association
GIS	Geographic Information Systems
HOV	High-Occupancy Vehicle
ICTC	Interstate Clean Transportation Corridor
IEEP	Inland Empire Economic Partnership
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
IIP/ITIP	Interregional Transportation Improvement Program
ITS	Intelligent Transportation Systems
IVDA	Inland Valley Development Agency
JARC	Job Access Reverse Commute
LACMTA	Los Angeles County Metropolitan Transportation Authority
LNG	Liquefied Natural Gas
LTF	Local Transportation Funds
MAGLEV	Magnetic Levitation

MARTA	Mountain Area Regional Transportation Authority
MBTA	Morongo Basin Transit Authority
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MSRC	Mobile Source Air Pollution Reduction Review Committee
NAT	Needles Area Transit
NEPA	National Environmental Policy Act
OA	Obligation Authority
OCTA	Orange County Transportation Authority
PA&ED	Project Approval and Environmental Document
PASTACC	Public and Specialized Transportation Advisory and Coordinating Council
PDT	Project Development Team
PNRS	Projects of National and Regional Significance
PPM	Planning, Programming and Monitoring Funds
PSE	Plans, Specifications and Estimates
PSR	Project Study Report
PTA	Public Transportation Account
PTC	Positive Train Control
PTMISEA	Public Transportation Modernization, Improvement and Service Enhancement Account
PUC	Public Utilities Commission
RCTC	Riverside County Transportation Commission
RDA	Redevelopment Agency
RFP	Request for Proposal
RIP	Regional Improvement Program
RSTIS	Regionally Significant Transportation Investment Study
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agencies
SB	Senate Bill
SAFE	Service Authority for Freeway Emergencies
SAFETEA-LU	Safe Accountable Flexible Efficient Transportation Equity Act – A Legacy for Users
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCRRA	Southern California Regional Rail Authority
SHA	State Highway Account
SHOPP	State Highway Operations and Protection Program
SOV	Single-Occupant Vehicle
S RTP	Short Range Transit Plan
STAF	State Transit Assistance Funds
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
TAC	Technical Advisory Committee
TCIF	Trade Corridor Improvement Fund
TCM	Transportation Control Measure
TCRP	Traffic Congestion Relief Program
TDA	Transportation Development Act
TEA	Transportation Enhancement Activities
TEA-21	Transportation Equity Act for the 21 st Century
TMC	Transportation Management Center
TME	Traffic Management and Environmental Enhancement
TSM	Transportation Systems Management
TSSDRA	Transit System Safety, Security and Disaster Response Account
USFWS	United States Fish and Wildlife Service
VCTC	Ventura County Transportation Commission
VTA	Victor Valley Transit Authority
WRCOG	Western Riverside Council of Governments

San Bernardino Associated Governments



MISSION STATEMENT

To enhance the quality of life for all residents, San Bernardino Associated Governments (SANBAG) will:

- Improve cooperative regional planning
- Develop an accessible, efficient, multi-modal transportation system
- Strengthen economic development efforts
- Exert leadership in creative problem solving

To successfully accomplish this mission, SANBAG will foster enhanced relationships among all of its stakeholders while adding to the value of local governments.

Approved June 2, 1993
Reaffirmed March 6, 1996